

**Specification Details:**

Specification: MIL-DTL-83513  
 Title: Connectors, Electrical, Rectangular, Microminiature, Polarized Shell  
 Federal Supply Class (FSC): 5935  
 Conventional: No  
 Specification contains quality assurance program: No  
 MIL-STD-790 Established Reliability & High Reliability: Yes  
 MIL-STD-690 Failure Rate Sampling Plans & Procedures: No  
 Weibull Graded: No  
 Specification contains space level reliability requirements: No  
 Specification allows test optimization: No

**Contact Information:**

Office of Primary Involvement: Passive Devices Branch, DLA Land and Maritime - VQP  
 Primary Qualifying Activity Contact: 614-692-8367, e-mail: vqp.es@dla.mil  
 Secondary Qualifying Activity Contact: 614-692-7076, e-mail: vqp.jbc@dla.mil

**Notes:**

N/A

**Part Configuration:**

M83513/01-AC

Specification Sheet Number	Insert Arrangement	Shell Finish
M83513/01	A	C

**PART LISTINGS**

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/01- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: MM-(2,3,4)1(2,3,5)-(009 thru 100)-113-0000 INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N, P	/1	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/01- TEST OR QUALIFICATION REFERENCE: 83513-332-90 MANUFACTURER DESIGNATION: 100R ( ) ( ) P-B (09 thru 100) INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N	/1	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/01- TEST OR QUALIFICATION REFERENCE: 83513-1241-05 MANUFACTURER DESIGNATION: MDA1100PFSB, MDA2100PFSB, MDAS100PFSB INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N, P	/1	Axon Cable, Inc.
GOVERNMENT DESIGNATION: M83513/01- TEST OR QUALIFICATION REFERENCE: 83513-761-87 MANUFACTURER DESIGNATION: 288-(25)- (10 thru 90, 00)-001 INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N	/1	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/01- TEST OR QUALIFICATION REFERENCE: 83513-332-90 MANUFACTURER DESIGNATION: CIM01-(A thru H) (C, N) INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N	/1	Cristek Intereconnects, Inc.

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	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/01- TEST OR QUALIFICATION REFERENCE: 83513-120-92; 83513-361-89; 83513-488-03 MANUFACTURER DESIGNATION: MWDM(1-3)-01(A-H)-PSC INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: A, C, K, N, P, T	/1	Glenair
GOVERNMENT DESIGNATION: M83513/01- TEST OR QUALIFICATION REFERENCE: 83513-143-91; 83513-144-91; 83513-387-86 MANUFACTURER DESIGNATION: MDM ( )01-( ) ( ) ( , V) (A9 thru H100) ( , A174) INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N	/1	ITT Cannon
GOVERNMENT DESIGNATION: M83513/01- TEST OR QUALIFICATION REFERENCE: 83513-2932-10 MANUFACTURER DESIGNATION: MMDP/01-(A-G)(C,N,P) INSERT ARRANGEMENT: A, B, C, D, E, F, G SHELL FINISH: C, N, P	/1	Omnetics Connector Corp.
GOVERNMENT DESIGNATION: M83513/01- TEST OR QUALIFICATION REFERENCE: 83513-310-89; 83513-313-90; 83513-389-86 MANUFACTURER DESIGNATION: 094-7 (1 thru 9) 04-(0000, 0020) INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N	/1	TE Connectivity
GOVERNMENT DESIGNATION: M83513/01- TEST OR QUALIFICATION REFERENCE: 83513-1228-05 MANUFACTURER DESIGNATION: 8351(1 thru 8)(0 thru 1)000 INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N	/1	Ulti-Mate Connector, Inc.
GOVERNMENT DESIGNATION: M83513/02- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: MM-(2,3,4)1(2,3,5)-(009 thru 100)-213-0000-900 INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N, P	/2	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/02- TEST OR QUALIFICATION REFERENCE: 83513-53-95 MANUFACTURER DESIGNATION: 100R( ) ( )S-B(09 thru 100) INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N	/2	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/02- TEST OR QUALIFICATION REFERENCE: 83513-1241-05 MANUFACTURER DESIGNATION: MDA1100SFSB, MDA2100SFSB, MDAS100SFSB INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N, P	/2	Axon Cable, Inc.
GOVERNMENT DESIGNATION: M83513/02- TEST OR QUALIFICATION REFERENCE: 83513-761-87 MANUFACTURER DESIGNATION: 289-(25)-(10 thru 90, 00)-001 INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N	/2	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/02- TEST OR QUALIFICATION REFERENCE: 83513-332-90 MANUFACTURER DESIGNATION: CIM02-(A thru H) (C,N) INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N	/2	Cristek Intereconnects, Inc.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/02- TEST OR QUALIFICATION REFERENCE: 83513-120-92; 83513-361-89; 83513-488-03 MANUFACTURER DESIGNATION: MWDM(1-3)-02(A-H)-SSC INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: A, C, K, N, P, T	/2	Glenair
GOVERNMENT DESIGNATION: M83513/02- TEST OR QUALIFICATION REFERENCE: 83513-143-91; 83513-144-91; 83513-387-86 MANUFACTURER DESIGNATION: MDM ( )02-( ) ( ,V) (A9 thru H100) ( ,A174) INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N	/2	ITT Cannon
GOVERNMENT DESIGNATION: M83513/02- TEST OR QUALIFICATION REFERENCE: 83513-388-86; 83513-432-89 MANUFACTURER DESIGNATION: M83513/02-( ) ( ) INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N	/2	Min-E-Con
GOVERNMENT DESIGNATION: M83513/02- TEST OR QUALIFICATION REFERENCE: 83513-2932-10 MANUFACTURER DESIGNATION: MMDS/02-(A-G)(C,N,P) INSERT ARRANGEMENT: A, B, C, D, E, F, G SHELL FINISH: C, N, P	/2	Omnitronics Connector Corp.
GOVERNMENT DESIGNATION: M83513/02- TEST OR QUALIFICATION REFERENCE: 83513-310-89; 83513-313-90; 83513-389-86 MANUFACTURER DESIGNATION: 094-7(1 thru 9) 06-(0000, 0020) INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N	/2	TE Connectivity
GOVERNMENT DESIGNATION: M83513/02- TEST OR QUALIFICATION REFERENCE: 83513-1228-05 MANUFACTURER DESIGNATION: 8352(1 thru 8)(0 thru 1)000 INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N	/2	Ulti-Mate Connector, Inc.
GOVERNMENT DESIGNATION: M83513/03- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: MM-(2,3,4)1(2,3,5)-(009 THRU 100)-1(43,45,53,55,61)-00(V1,V2,W1,W2,Y1,Y2,Y3,Y4,Y5,Y6,Y7,Y8,00) INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N, P WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/3	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/03- TEST OR QUALIFICATION REFERENCE: 83513-332-90 MANUFACTURER DESIGNATION: 100R( ) ( )P-( ) ( ) ( )B (09 thru 100) INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/3	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/03- TEST OR QUALIFICATION REFERENCE: 83513-3462-12 MANUFACTURER DESIGNATION: 10-505953-( ) INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, K, N, P, T WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/3	Amphenol Aerospace/Amphenol Connectors

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	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/03- TEST OR QUALIFICATION REFERENCE: 83513-1241-05 MANUFACTURER DESIGNATION: MDA1100P4L46B, MDA2100PEL46B, MDAS100SP4L46B, MDA1100PG1.27B INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N, P	/3	Axon Cable, Inc.
GOVERNMENT DESIGNATION: M83513/03- TEST OR QUALIFICATION REFERENCE: 83513-761-87 MANUFACTURER DESIGNATION: 288-(11,15,25)-(10 thru 90,00)-(002 thru 017) INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/3	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/03- TEST OR QUALIFICATION REFERENCE: 83513-332-90 MANUFACTURER DESIGNATION: CIM03-(A thru H) (01 thru 16) (C,N) INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/3	Cristek Intereconnects, Inc.
GOVERNMENT DESIGNATION: M83513/03- TEST OR QUALIFICATION REFERENCE: 83513-120-92; 83513-361-89; 83513-488-03 MANUFACTURER DESIGNATION: MWDM(1-3)-03(A-H)-(01-16)P(18,36,72,05,10)(W,C,G,T,) INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: A, C, K, N, P, T WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/3	Glenair
GOVERNMENT DESIGNATION: M83513/03- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM03-(HC)(HN)(HP) INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N, P WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/3	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/03- TEST OR QUALIFICATION REFERENCE: 83513-143-91; 83513-144-91 MANUFACTURER DESIGNATION: MDM( )03-( ) ( ) ( ,V) (A9 thru H100)-(01 thru 06)( ,A174) INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/3	ITT Cannon
GOVERNMENT DESIGNATION: M83513/03- TEST OR QUALIFICATION REFERENCE: 83513-388-86; 83513-432-89 MANUFACTURER DESIGNATION: M83513/03-( ) ( ) INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/3	Min-E-Con
GOVERNMENT DESIGNATION: M83513/03- TEST OR QUALIFICATION REFERENCE: 83513-2932-10 MANUFACTURER DESIGNATION: MMDP/03-(A-G)(01-04 & 09-16)(C,N,P) INSERT ARRANGEMENT: A, B, C, D, E, F, G SHELL FINISH: C, N, P	/3	Omnetics Connector Corp.
GOVERNMENT DESIGNATION: M83513/03- TEST OR QUALIFICATION REFERENCE: 83513-310-89; 83513-313-90; 83513-389-86 MANUFACTURER DESIGNATION: 094-8(1 thru 9) 04-00(0,2) (1 thru 8), MDE03 INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/3	TE Connectivity

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	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/03- TEST OR QUALIFICATION REFERENCE: 83513-2673-09 MANUFACTURER DESIGNATION: 8351(1 thru 8)(0 thru 1)(01 thru 16)(0,7,8,9) INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/3	Ulti-Mate Connector, Inc.
GOVERNMENT DESIGNATION: M83513/04- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: MM-(2,3,4)1(2,3,5)-(009 THRU 100)-1(43,45,53,55,61)-00(V1,V2,W1,W2,Y1,Y2,Y3,Y4,Y5,Y6,Y7,Y8,00) INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N, P WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/4	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/04- TEST OR QUALIFICATION REFERENCE: 83513-53-95 MANUFACTURER DESIGNATION: 100R( ) ( ) S-( ) ( ) ( ) B (09 thru 100) INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/4	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/04- TEST OR QUALIFICATION REFERENCE: 83513-3462-12 MANUFACTURER DESIGNATION: 10-505954-( ) INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, K, N, P, T WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/4	Amphenol Aerospace/Amphenol Connectors
GOVERNMENT DESIGNATION: M83513/04- TEST OR QUALIFICATION REFERENCE: 83513-1241-05 MANUFACTURER DESIGNATION: MDA1100S4L46B, MDA2100SEL46B, MDAS100S4L46B INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N, P	/4	Axon Cable, Inc.
GOVERNMENT DESIGNATION: M83513/04- TEST OR QUALIFICATION REFERENCE: 83513-761-87 MANUFACTURER DESIGNATION: 289-(11,15,25)-(10 thru 90,00)-(002 thru 017) INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/4	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/04- TEST OR QUALIFICATION REFERENCE: 83513-332-90 MANUFACTURER DESIGNATION: CIM04-(A thru H) (01 thru 16) (C,N) INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/4	Cristek Intereconnects, Inc.
GOVERNMENT DESIGNATION: M83513/04- TEST OR QUALIFICATION REFERENCE: 83513-120-92; 83513-361-89; 83513-488-03 MANUFACTURER DESIGNATION: MWDM(1-3)-04(A-H)-(01-16)S(18,36,72,05,10)(W,C,G,T,) INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: A, C, K, N, P, T WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/4	Glenair
GOVERNMENT DESIGNATION: M83513/04- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM04-(HC)(HN)(HP) INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N, P WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/4	HiRel Connectors, Inc.

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GOVERNMENT DESIGNATION: M83513/04- TEST OR QUALIFICATION REFERENCE: 83513-143-91; 83513-144-91 MANUFACTURER DESIGNATION: MDM( )04-( )( ) ( ,V) (A9 thru H100)-(01 thru 06)( ,A174) INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/4	ITT Cannon
GOVERNMENT DESIGNATION: M83513/04- TEST OR QUALIFICATION REFERENCE: 83513-388-86; 83513-432-89 MANUFACTURER DESIGNATION: M83513/04-( )( ) INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/4	Min-E-Con
GOVERNMENT DESIGNATION: M83513/04- TEST OR QUALIFICATION REFERENCE: 83513-2932-10 MANUFACTURER DESIGNATION: MMDS/04-(A-G)(01-04 & 09-16)(C,N,P) INSERT ARRANGEMENT: A, B, C, D, E, F, G SHELL FINISH: C, N, P	/4	Omnitronics Connector Corp.
GOVERNMENT DESIGNATION: M83513/04- TEST OR QUALIFICATION REFERENCE: 83513-310-89; 83513-313-90; 83513-389-86 MANUFACTURER DESIGNATION: 094-8(1 thru 9) 06-00(0,2) (1 thru 8), MDE04 INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/4	TE Connectivity
GOVERNMENT DESIGNATION: M83513/04- TEST OR QUALIFICATION REFERENCE: 83513-2673-09 MANUFACTURER DESIGNATION: 8352(1 thru 8)(0 thru 1)(01 thru 16)(0,7,8,9) INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: C, N WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/4	Ulti-Mate Connector, Inc.
GOVERNMENT DESIGNATION: M83513/05- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: 00-000-000-000-(22,41,42,43,44,62,81,82,83,84)00 02,03,05,06,07,12,13,15,17 WIRE TYPE: 2, 3, 5, 6, 7, 12, 13, 15, 16, 17	/5	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/05- TEST OR QUALIFICATION REFERENCE: 83513-53-95 MANUFACTURER DESIGNATION: PI83513/05-( ), 02, 03, 05, 06, 07, 12, 13, 15 INSERT ARRANGEMENT: A, B, C, D, E, F, G, H WIRE TYPE: 2, 3, 5, 6, 7, 12, 13, 15, 16, 17	/5	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/05- TEST OR QUALIFICATION REFERENCE: 83513-761-87 MANUFACTURER DESIGNATION: 289-00-00-(001,003,005,011,012,013,014,015,016,017 WIRE TYPE: 2, 3, 5, 6, 7, 13, 15, 16, 17	/5	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/05- TEST OR QUALIFICATION REFERENCE: 83513-332-90 MANUFACTURER DESIGNATION: CIM05-(02, 03, 05, 06, 07, 15, 16, 17) WIRE TYPE: 2, 3, 5, 6, 7, 12, 13, 15, 16, 17	/5	Cristek Intereconnects, Inc.
GOVERNMENT DESIGNATION: M83513/05- TEST OR QUALIFICATION REFERENCE: 83513-361-89 MANUFACTURER DESIGNATION: MWJS2-502-LPH, MWJS2-503-HPH, MWJS2-505-LPS., MWJS2-506-HPS, MWJS4-512-LPH, MWJS4-513-LPH., MWJS4-515-LPS, MWJS4-516-HPS, MWJS4-517-JPH WIRE TYPE: 2, 3, 5, 6, 7, 12, 13, 15, 16, 17	/5	Glenair

PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/05- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: 500-( ) WIRE TYPE: 2, 3, 5, 6, 7, 12, 13, 15, 16, 17	/5	HTS-Engineering, Inc.
GOVERNMENT DESIGNATION: M83513/05- TEST OR QUALIFICATION REFERENCE: 83513-143-91; 83513-144-91; 83513-387-86 MANUFACTURER DESIGNATION: 026, 028, 025, 027, 022, 024, 021, 023, 320-9508-( ), 320-9505-030, 329-9505-033 WIRE TYPE: 2, 3, 5, 6, 7, 12, 13, 15, 16, 17	/5	ITT Cannon
GOVERNMENT DESIGNATION: M83513/05- TEST OR QUALIFICATION REFERENCE: 83513-388-86; 83513-432-89 MANUFACTURER DESIGNATION: M83513/05-( ) ( ) WIRE TYPE: 2, 3, 5, 6, 7, 12, 13, 15, 16, 17	/5	Min-E-Con
GOVERNMENT DESIGNATION: M83513/05- TEST OR QUALIFICATION REFERENCE: 83513-310-89; 83513-313-90; 83513-389-86 MANUFACTURER DESIGNATION: S96-0002-00 (89, 88, 87, 86, 85, 84, 91, 90, 60) or 5-1532137-(5, 6, 7, 8, 9), 6-1532137-(0, 1, 2, 3, 4) WIRE TYPE: 2, 3, 5, 6, 7, 12, 13, 15, 16, 17	/5	TE Connectivity
GOVERNMENT DESIGNATION: M83513/06- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: MP-(2.3)1(1)-(009 thru 051)-113-0000 A thru G INSERT ARRANGEMENT: A, B, C, D, E, F, G	/6	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/06- TEST OR QUALIFICATION REFERENCE: 83513-53-95 MANUFACTURER DESIGNATION: 101R( )P-B (09 thru 51) INSERT ARRANGEMENT: A, B, C, D, E, F, G	/6	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/06- TEST OR QUALIFICATION REFERENCE: 83513-1241-05 MANUFACTURER DESIGNATION: MDAL51PFSB INSERT ARRANGEMENT: A, B, C, D, E, F, G SHELL FINISH: C, N, P	/6	Axon Cable, Inc.
GOVERNMENT DESIGNATION: M83513/06- TEST OR QUALIFICATION REFERENCE: 83513-761-87 MANUFACTURER DESIGNATION: 288-05-(10 thru 90)-001 INSERT ARRANGEMENT: A, B, C, D, E, F, G	/6	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/06- TEST OR QUALIFICATION REFERENCE: 83513-332-90 MANUFACTURER DESIGNATION: CIM06-(A thru H) INSERT ARRANGEMENT: A, B, C, D, E, F, G	/6	Cristek Intereconnects, Inc.
GOVERNMENT DESIGNATION: M83513/06- TEST OR QUALIFICATION REFERENCE: 83513-361-89 MANUFACTURER DESIGNATION: MWD-06(A thru G)-PSC INSERT ARRANGEMENT: A, B, C, D, E, F, G	/6	Glenair, Inc.
GOVERNMENT DESIGNATION: M83513/06- TEST OR QUALIFICATION REFERENCE: 83513-143-91; 83513-144-91; 83513-387-86 MANUFACTURER DESIGNATION: MD ( ) B06-( ) ( ,V) (A9 thru G51) INSERT ARRANGEMENT: A, B, C, D, E, F, G	/6	ITT Cannon
GOVERNMENT DESIGNATION: M83513/06- TEST OR QUALIFICATION REFERENCE: 83513-143-91; 83513-144-91; 83513-387-86 MANUFACTURER DESIGNATION: MD( ) B06-( ) (,V) (A9 thru A51) INSERT ARRANGEMENT: A, B, C, D, E, F, G	/6	ITT Cannon

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/06- TEST OR QUALIFICATION REFERENCE: 83513-310-89; 83513-313-90; 83513-389-86 MANUFACTURER DESIGNATION: 095-06 (03, 05, 07, 09, 11, 13, 15) INSERT ARRANGEMENT: A, B, C, D, E, F, G	/6	TE Connectivity
GOVERNMENT DESIGNATION: M83513/07- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: MP-(2.3)2(1)-(009 thru 051)-113-0000 A thru G INSERT ARRANGEMENT: A, B, C, D, E, F, G	/7	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/07- TEST OR QUALIFICATION REFERENCE: 83513-53-95 MANUFACTURER DESIGNATION: 101R( )S-B (09 thru 51) INSERT ARRANGEMENT: A, B, C, D, E, F, G	/7	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/07- TEST OR QUALIFICATION REFERENCE: 83513-1241-05 MANUFACTURER DESIGNATION: MDAL51SFSB INSERT ARRANGEMENT: A, B, C, D, E, F, G	/7	Axon Cable, Inc.
GOVERNMENT DESIGNATION: M83513/07- TEST OR QUALIFICATION REFERENCE: 83513-761-87 MANUFACTURER DESIGNATION: 289-05-(10 thru 90)-001 INSERT ARRANGEMENT: A, B, C, D, E, F, G	/7	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/07- TEST OR QUALIFICATION REFERENCE: 83513-332-90 MANUFACTURER DESIGNATION: CIM07-(A thru H) INSERT ARRANGEMENT: A, B, C, D, E, F, G	/7	Cristek Intereconnects, Inc.
GOVERNMENT DESIGNATION: M83513/07- TEST OR QUALIFICATION REFERENCE: 83513-361-89 MANUFACTURER DESIGNATION: MWD-07(A-G)-SSC INSERT ARRANGEMENT: A, B, C, D, E, F, G	/7	Glenair
GOVERNMENT DESIGNATION: M83513/07- TEST OR QUALIFICATION REFERENCE: 83513-143-91; 83513-144-91; 83513-387-86 MANUFACTURER DESIGNATION: MD ( ) B07-( ) ( , V) (A9 thru G51) INSERT ARRANGEMENT: A, B, C, D, E, F, G	/7	ITT Cannon
GOVERNMENT DESIGNATION: M83513/07- TEST OR QUALIFICATION REFERENCE: 83513-388-86; 83513-432-89 MANUFACTURER DESIGNATION: M83513/07-( ) ( ) INSERT ARRANGEMENT: A, B, C, D, E, F, G	/7	Min-E-Con
GOVERNMENT DESIGNATION: M83513/07- TEST OR QUALIFICATION REFERENCE: 83513-310-89; 83513-313-90; 83513-389-86 MANUFACTURER DESIGNATION: 095-06 (04, 06, 08, 10, 12, 14, 16,) INSERT ARRANGEMENT: A, B, C, D, E, F, G	/7	TE Connectivity
GOVERNMENT DESIGNATION: M83513/08- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: MP-(2,3)1(1)-(009 thru 051)-1(43,45,53,55,61)-00(V1,V2,W1,W2,Y1,Y2,Y3,Y4,Y5,Y6,Y7,Y8,00) INSERT ARRANGEMENT: A, B, C, D, E, F, G WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/8	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/08- TEST OR QUALIFICATION REFERENCE: 83513-53-95 MANUFACTURER DESIGNATION: 101R( ) P-( ) ( ) ( ) B (09 thru 51) INSERT ARRANGEMENT: A, B, C, D, E, F, G WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/8	Amphenol Canada Corp.



## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/08- TEST OR QUALIFICATION REFERENCE: 83513-1241-05 MANUFACTURER DESIGNATION: MDAL51P4L46B INSERT ARRANGEMENT: A, B, C, D, E, F, G WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/8	Axon Cable, Inc.
GOVERNMENT DESIGNATION: M83513/08- TEST OR QUALIFICATION REFERENCE: 83513-761-87 MANUFACTURER DESIGNATION: 288-05-(10 thru 90)-(002 thru 017) INSERT ARRANGEMENT: A, B, C, D, E, F, G WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/8	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/08- TEST OR QUALIFICATION REFERENCE: 83513-332-90 MANUFACTURER DESIGNATION: CIM08-(A thru H) (01 thru 16) INSERT ARRANGEMENT: A, B, C, D, E, F, G WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/8	Cristek Intereconnects, Inc.
GOVERNMENT DESIGNATION: M83513/08- TEST OR QUALIFICATION REFERENCE: 83513-361-89 MANUFACTURER DESIGNATION: MWD-08(A-G)-(01-16)P(18,36,72,05,10)(W,C,G,T) INSERT ARRANGEMENT: A, B, C, D, E, F, G WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/8	Glenair
GOVERNMENT DESIGNATION: M83513/08- TEST OR QUALIFICATION REFERENCE: 83513-143-91; 83513-144-91 MANUFACTURER DESIGNATION: MD ( ) B08-( ) (.V) (A9 thru G51) (01 thru 06) INSERT ARRANGEMENT: A, B, C, D, E, F, G WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/8	ITT Cannon
GOVERNMENT DESIGNATION: M83513/08- TEST OR QUALIFICATION REFERENCE: 83513-388-86; 83513-432-89 MANUFACTURER DESIGNATION: M83513/08-( ) ( ) INSERT ARRANGEMENT: A, B, C, D, E, F, G WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/8	Min-E-Con
GOVERNMENT DESIGNATION: M83513/08- TEST OR QUALIFICATION REFERENCE: 83513-310-89; 83513-313-90; 83513-389-86 MANUFACTURER DESIGNATION: 095-06 (03, 05, 07, 09, 11, 13, 15)-203 (1 thru 8) INSERT ARRANGEMENT: A, B, C, D, E, F, G WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/8	TE Connectivity
GOVERNMENT DESIGNATION: M83513/09- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: MP-(2,3)2(1)-(009 thru 051)-2(43,45,53,55,61)-00(V1,V2,W1,W2,Y1,Y2,Y3,Y4,Y5,Y6,Y7,Y8,00) INSERT ARRANGEMENT: A, B, C, D, E, F, G WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/9	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/09- TEST OR QUALIFICATION REFERENCE: 83513-53-95 MANUFACTURER DESIGNATION: 101R( )S-( ) ( ) ( )B (09 thru 51) INSERT ARRANGEMENT: A, B, C, D, E, F, G WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/9	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/09- TEST OR QUALIFICATION REFERENCE: 83513-1241-05 MANUFACTURER DESIGNATION: MDAL51S4L46B, MDAL51SG1.27B INSERT ARRANGEMENT: A, B, C, D, E, F, G WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8	/9	Axon Cable, Inc.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/09- TEST OR QUALIFICATION REFERENCE: 83513-761-87 MANUFACTURER DESIGNATION: 289-05-(10 thru 90) - (002 thru 017) INSERT ARRANGEMENT: A, B, C, D, E, F, G WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/9	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/09- TEST OR QUALIFICATION REFERENCE: 83513-332-90 MANUFACTURER DESIGNATION: CIM09- (A thru H) (01 thru 16) INSERT ARRANGEMENT: A, B, C, D, E, F, G WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/9	Cristek Intereconnects, Inc.
GOVERNMENT DESIGNATION: M83513/09- TEST OR QUALIFICATION REFERENCE: 83513-361-89 MANUFACTURER DESIGNATION: MWD-09(A-G)-(01-16)S(18,36,72,05,10)(W,C,G,T) INSERT ARRANGEMENT: A, B, C, D, E, F, G WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/9	Glenair
GOVERNMENT DESIGNATION: M83513/09- TEST OR QUALIFICATION REFERENCE: 83513-143-91; 83513-144-91 MANUFACTURER DESIGNATION: MD( )B09-( ) ( , V) (A9 thru G51)-(01 thru 06)(,A174) INSERT ARRANGEMENT: A, B, C, D, E, F, G WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/9	ITT Cannon
GOVERNMENT DESIGNATION: M83513/09- TEST OR QUALIFICATION REFERENCE: 83513-388-86; 83513-432-89 MANUFACTURER DESIGNATION: M83513/09-( ) ( ) INSERT ARRANGEMENT: A, B, C, D, E, F, G WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/9	Min-E-Con
GOVERNMENT DESIGNATION: M83513/09- TEST OR QUALIFICATION REFERENCE: 83513-310-89; 83513-313-90; 83513-389-86 MANUFACTURER DESIGNATION: 095-06 (04, 06, 08, 10, 12, 14, 16)-203 (1 thru 8) INSERT ARRANGEMENT: A, B, C, D, E, F, G WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/9	TE Connectivity
GOVERNMENT DESIGNATION: M83513/10- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: MK-25(2,3,5)-(009 thru 037)-3(2,3,4)5-(00,22)0S(-0B7) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/10	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/10- TEST OR QUALIFICATION REFERENCE: 83513-054-95 MANUFACTURER DESIGNATION: 100R ( ) ( ) PCBR ( ) ( ) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/10	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/10- TEST OR QUALIFICATION REFERENCE: 83513-1241-05 MANUFACTURER DESIGNATION: MDA1037PCBRRT3, MDA2037PCBRPT3, MDAS037PCBRWT3 INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/10	Axon Cable, Inc.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/10- TEST OR QUALIFICATION REFERENCE: 83513-006-95 MANUFACTURER DESIGNATION: 288-(61 thru 66)-(10 thru 80)-(0, 1, 2) (03) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/10	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/10- TEST OR QUALIFICATION REFERENCE: 83513-284-92 MANUFACTURER DESIGNATION: CIM10 (A thru F) (01, 02, 03) (C, N) (N, P) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/10	Cristek Intereconnects, Inc.
GOVERNMENT DESIGNATION: M83513/10- TEST OR QUALIFICATION REFERENCE: 83513-094-98; 83513-488-03 MANUFACTURER DESIGNATION: MWDM(1-3)-10(A-F)-(01-03)P(.109,.140,.172)(B,P,T,W) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/10	Glenair
GOVERNMENT DESIGNATION: M83513/10- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM10-(H03CP)(H03NP)(H03PP) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/10	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/10- TEST OR QUALIFICATION REFERENCE: 83513-69-93 MANUFACTURER DESIGNATION: MDM10 (B15 thru F37) (01, 02, 03) ( , A174P) (N, P) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/10	ITT Cannon
GOVERNMENT DESIGNATION: M83513/10- TEST OR QUALIFICATION REFERENCE: 83513-32-94 MANUFACTURER DESIGNATION: M83513/10-( ) ( ) ( ) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/10	Min-E-Con
GOVERNMENT DESIGNATION: M83513/10- TEST OR QUALIFICATION REFERENCE: 83513-031-98; 83513-310-89; 83513-313-90; 83513-389-86 MANUFACTURER DESIGNATION: 094-4 (1 thru 6) (14, 24)-(00, 70) (01, 02, 03) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/10	TE Connectivity

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	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/11- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: MK-35(2,3,5)-051-3(2, 3, 4)5-(00,22)0S(-0B7) INSERT ARRANGEMENT: G SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/11	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/11- TEST OR QUALIFICATION REFERENCE: 83513-054-95 MANUFACTURER DESIGNATION: 100R ( ) ( ) 51PCBR ( ) ( ) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/11	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/11- TEST OR QUALIFICATION REFERENCE: 83513-1241-05 MANUFACTURER DESIGNATION: MDA1051PCBRRT3, MDA2051PCBRPT3, MDASP051PCBRWT3 INSERT ARRANGEMENT: G SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/11	Axon Cable, Inc.
GOVERNMENT DESIGNATION: M83513/11- TEST OR QUALIFICATION REFERENCE: 83513-006-95 MANUFACTURER DESIGNATION: 288-(61 thru 66)-(90)-(0, 1, 2) (03) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/11	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/11- TEST OR QUALIFICATION REFERENCE: 83513-284-92 MANUFACTURER DESIGNATION: CIM11 (01, 02, 03) (C, N) (N, P) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/11	Cristek Intereconnects, Inc.
GOVERNMENT DESIGNATION: M83513/11- TEST OR QUALIFICATION REFERENCE: 83513-094-98; 83513-488-03 MANUFACTURER DESIGNATION: MWDM(1-3)-11G)-(01-03)P(.109,.140,.172)(B,P,T,W) INSERT ARRANGEMENT: G SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/11	Glenair
GOVERNMENT DESIGNATION: M83513/11- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM11-(H03CP)(H03NP)(H03PP) INSERT ARRANGEMENT: G, , , , SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/11	HiRel Connectors, Inc.

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	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/11- TEST OR QUALIFICATION REFERENCE: 83513-69-93 MANUFACTURER DESIGNATION: MDM11G51 (01, 02, 03) ( , A174P) (N, P) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/11	ITT Cannon
GOVERNMENT DESIGNATION: M83513/11- TEST OR QUALIFICATION REFERENCE: 83513-32-94 MANUFACTURER DESIGNATION: M83513/11-G ( ) ( ) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/11	Min-E-Con
GOVERNMENT DESIGNATION: M83513/11- TEST OR QUALIFICATION REFERENCE: 83513-031-98; 83513-310-89; 83513-313-90; 83513-389-86 MANUFACTURER DESIGNATION: 094-47 (14, 24)-(00, 70) (01, 02) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/11	TE Connectivity
GOVERNMENT DESIGNATION: M83513/12- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: MK-45(2,3,5)-100-3(2,3,4)5-(00,62)0S-(94P,0BJ) INSERT ARRANGEMENT: H SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/12	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/12- TEST OR QUALIFICATION REFERENCE: 83513-054-95 MANUFACTURER DESIGNATION: 100R ( ) ( ) 100PCBR ( ) ( ) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/12	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/12- TEST OR QUALIFICATION REFERENCE: 83513-1241-05 MANUFACTURER DESIGNATION: MDA1100PCBRPT3, MDA2100PCBRRT3, MDAS100PCBRWT3 INSERT ARRANGEMENT: H SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/12	Axon Cable, Inc.
GOVERNMENT DESIGNATION: M83513/12- TEST OR QUALIFICATION REFERENCE: 83513-006-95 MANUFACTURER DESIGNATION: 288-(61 thru 66)-(00)-(0, 1, 2) (03) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/12	Cinch Connectors, Inc.

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	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/12- TEST OR QUALIFICATION REFERENCE: 83513-284-92 MANUFACTURER DESIGNATION: CIM12 (01, 02, 03) (C, N) N, P) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/12	Cristek Intereconnects, Inc.
GOVERNMENT DESIGNATION: M83513/12- TEST OR QUALIFICATION REFERENCE: 83513-094-98; 83513-488-03 MANUFACTURER DESIGNATION: MWDM(1-3)-12H)-(01-03)P(.109,.140,.172)(B,P,T,W) INSERT ARRANGEMENT: H SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/12	Glenair
GOVERNMENT DESIGNATION: M83513/12- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM12-(H03CT)(H03NT)(H03PT) INSERT ARRANGEMENT: H, , , , , SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/12	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/12- TEST OR QUALIFICATION REFERENCE: 83513-69-93 MANUFACTURER DESIGNATION: MDM12H100(01, 02, 03) ( , A174P) (N, P) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/12	ITT Cannon
GOVERNMENT DESIGNATION: M83513/12- TEST OR QUALIFICATION REFERENCE: 83513-32-94 MANUFACTURER DESIGNATION: M83513/12-H ( ) ( ) ( ) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/12	Min-E-Con
GOVERNMENT DESIGNATION: M83513/12- TEST OR QUALIFICATION REFERENCE: 83513-031-98; 83513-310-89; 83513-313-90; 83513-389-86 MANUFACTURER DESIGNATION: 094-49 (14, 24)-(00, 70) (01, 02, 03) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/12	TE Connectivity
GOVERNMENT DESIGNATION: M83513/13- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: MK-26(2,3,5)-(009 thru 037)-4(3,4,5)5-(00,22)0S-(900,0B7) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/13	Airborn, Inc.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/13- TEST OR QUALIFICATION REFERENCE: 83513-054-95 MANUFACTURER DESIGNATION: 100R ( ) SCBR ( ) ( ) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/13	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/13- TEST OR QUALIFICATION REFERENCE: 83513-1241-05 MANUFACTURER DESIGNATION: MDA1037SCBTT3, MDA2037SCBRPPT3, MDAS037SCBRWT3 INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/13	Axon Cable, Inc.
GOVERNMENT DESIGNATION: M83513/13- TEST OR QUALIFICATION REFERENCE: 83513-006-95 MANUFACTURER DESIGNATION: 289-(61 thru 66)-(10 thru 80)-(0, 1, 2) (03) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/13	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/13- TEST OR QUALIFICATION REFERENCE: 83513-284-92 MANUFACTURER DESIGNATION: CIM13 (A thru F) (01, 02, 03) (C, N) (N, P) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/13	Cristek Intereconnects, Inc.
GOVERNMENT DESIGNATION: M83513/13- TEST OR QUALIFICATION REFERENCE: 83513-094-98; 83513-488-03 MANUFACTURER DESIGNATION: MWDM(1-3)-13(A-F)-(01-03)S(.109,.140,.172)(B,P,T,W) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/13	Glenair
GOVERNMENT DESIGNATION: M83513/13- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM13-(H03CP)(H03NP)(H03PP) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/13	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/13- TEST OR QUALIFICATION REFERENCE: 83513-69-93 MANUFACTURER DESIGNATION: MDM13 (A9 thru F37) (01, 02, 03) ( , A174P) (N, P) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/13	ITT Cannon

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/13- TEST OR QUALIFICATION REFERENCE: 83513-32-94 MANUFACTURER DESIGNATION: M83513/13- ( ) ( ) ( ) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/13	Min-E-Con
GOVERNMENT DESIGNATION: M83513/13- TEST OR QUALIFICATION REFERENCE: 83513-031-98; 83513-310-89; 83513-313-90; 83513-389-86 MANUFACTURER DESIGNATION: 094-4 (1 thru 6) (16, 26)-(00, 70) (01, 02, 03) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/13	TE Connectivity
GOVERNMENT DESIGNATION: M83513/14- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: MK-36(2,3,5)-051-4(3,4,5)5-(00,22)0S-(900,0B7) INSERT ARRANGEMENT: G SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/14	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/14- TEST OR QUALIFICATION REFERENCE: 83513-054-95 MANUFACTURER DESIGNATION: 100R ( ) 51SCBR ( ) ( ) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/14	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/14- TEST OR QUALIFICATION REFERENCE: 83513-1241-05 MANUFACTURER DESIGNATION: MDA1100SCBRRTT3, MDA2100SCBRWT3, MDS100SCBRPT3 INSERT ARRANGEMENT: G SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/14	Axon Cable, Inc.
GOVERNMENT DESIGNATION: M83513/14- TEST OR QUALIFICATION REFERENCE: 83513-006-95 MANUFACTURER DESIGNATION: 289- (61 thru 66) - (90) - (0, 1, 2) (03) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/14	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/14- TEST OR QUALIFICATION REFERENCE: 83513-284-92 MANUFACTURER DESIGNATION: CIM14 (01, 02, 03) (C, N) (N, P) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/14	Cristek Intereconnects, Inc.



## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/14- TEST OR QUALIFICATION REFERENCE: 83513-094-98; 83513-448-03 MANUFACTURER DESIGNATION: MWDM(1-3)-14G)-(01-03)S(.109,.140,.172)(B,P,T,W) INSERT ARRANGEMENT: G SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/14	Glenair
GOVERNMENT DESIGNATION: M83513/14- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM14-(H03CT)(H03NT)(H03PT) INSERT ARRANGEMENT: G SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/14	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/14- TEST OR QUALIFICATION REFERENCE: 83513-69-93 MANUFACTURER DESIGNATION: MDM14G51 (01, 02, 03) ( , A174P) (N, P) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/14	ITT Cannon
GOVERNMENT DESIGNATION: M83513/14- TEST OR QUALIFICATION REFERENCE: 83513-32-94 MANUFACTURER DESIGNATION: M83513/14-G ( ) ( ) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/14	Min-E-Con
GOVERNMENT DESIGNATION: M83513/14- TEST OR QUALIFICATION REFERENCE: 83513-031-98; 83513-310-89; 83513-313-90; 83513-389-86 MANUFACTURER DESIGNATION: 094-47 (16, 26) - (00, 70) (01, 02, 03) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/14	TE Connectivity
GOVERNMENT DESIGNATION: M83513/15- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: MK-46(2,3,5)-100-4 (3,4,5)5-(00,62)0S-(900,0B7) INSERT ARRANGEMENT: H SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/15	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/15- TEST OR QUALIFICATION REFERENCE: 83513-054-95 MANUFACTURER DESIGNATION: 100R ( ) 100SCBR ( ) ( ) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/15	Amphenol Canada Corp.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/15- TEST OR QUALIFICATION REFERENCE: 83513-1241-05 MANUFACTURER DESIGNATION: MDA1100SCBRRT3, MDA2100SCBRWT3, MDAS100SCBRPT3 INSERT ARRANGEMENT: H SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/15	Axon Cable, Inc.
GOVERNMENT DESIGNATION: M83513/15- TEST OR QUALIFICATION REFERENCE: 83513-006-95 MANUFACTURER DESIGNATION: 289- (61 thru 66) - (00) - (0, 1, 2) (03) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/15	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/15- TEST OR QUALIFICATION REFERENCE: 83513-284-92 MANUFACTURER DESIGNATION: CIM15 (01, 02, 03) (C, N) (N, P) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/15	Cristek Intereconnects, Inc.
GOVERNMENT DESIGNATION: M83513/15- TEST OR QUALIFICATION REFERENCE: 83513-094-98; 83513-488-03 MANUFACTURER DESIGNATION: MWDM(1-3)-15H)-(01-03)S(.109,.140,.172)(B,P,T,W) INSERT ARRANGEMENT: H SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/15	Glenair
GOVERNMENT DESIGNATION: M83513/15- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM15-(H03CT)(H03NT)(H03PT) INSERT ARRANGEMENT: H SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/15	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/15- TEST OR QUALIFICATION REFERENCE: 83513-69-93 MANUFACTURER DESIGNATION: MDM15H100 (01, 02, 03) ( , A174P) (N, P) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/15	ITT Cannon
GOVERNMENT DESIGNATION: M83513/15- TEST OR QUALIFICATION REFERENCE: 83513-32-94 MANUFACTURER DESIGNATION: M83513/15-H ( ) ( ) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/15	Min-E-Con

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/15- TEST OR QUALIFICATION REFERENCE: 83513-031-98; 83513-310-89; 83513-313-90; 83513-389-86 MANUFACTURER DESIGNATION: 094-49 (16, 26) - (00, 70) (01, 02, 03) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/15	TE Connectivity
GOVERNMENT DESIGNATION: M83513/16- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: MK-27(2,3,5)-(009 thru 037)-3(2,3,4)5-(00,22)0R(-0B7) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/16	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/16- TEST OR QUALIFICATION REFERENCE: 83513-054-95 MANUFACTURER DESIGNATION: 100R ( ) ( ) PBR ( ) ( ) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/16	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/16- TEST OR QUALIFICATION REFERENCE: 83513-1241-05 MANUFACTURER DESIGNATION: MDA1100PBRWT3, MDA2100PRPT3, MDS100PBRTT3 INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/16	Axon Cable, Inc.
GOVERNMENT DESIGNATION: M83513/16- TEST OR QUALIFICATION REFERENCE: 83513-006-95 MANUFACTURER DESIGNATION: 288- (61 thru 66) - (10 thru 80) - (0, 1, 2) (02) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/16	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/16- TEST OR QUALIFICATION REFERENCE: 83513-094-98; 83513-488-03 MANUFACTURER DESIGNATION: MWDM(1-3)-16(A-F)-(01-03)P(.109,.140,.172)(B,P,T,W) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/16	Glenair
GOVERNMENT DESIGNATION: M83513/16- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM16-(H03CP)(H03NP)(H03PP) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/16	HiRel Connectors, Inc.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/16- TEST OR QUALIFICATION REFERENCE: 83513-69-93 MANUFACTURER DESIGNATION: MDM16 (A9 thru F37) (01, 02, 03) ( , A174P) (N, P) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/16	ITT Cannon
GOVERNMENT DESIGNATION: M83513/16- TEST OR QUALIFICATION REFERENCE: 83513-32-94 MANUFACTURER DESIGNATION: M83513/16 ( ) ( ) ( ) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/16	Min-E-Con
GOVERNMENT DESIGNATION: M83513/16- TEST OR QUALIFICATION REFERENCE: 83513-031-98; 83513-310-89; 83513-313-90; 83513-389-86 MANUFACTURER DESIGNATION: 094-4 (1 thru 6) (14, 24) - (00, 70) (04, 05, 06, 07) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/16	TE Connectivity
GOVERNMENT DESIGNATION: M83513/17- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: MK-37(2,3,5)-051-3(2,3,4)5-(00,22)0R(-0B7) INSERT ARRANGEMENT: G SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/17	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/17- TEST OR QUALIFICATION REFERENCE: 83513-054-95 MANUFACTURER DESIGNATION: 100R ( ) ( ) 51PBR ( ) ( ) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/17	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/17- TEST OR QUALIFICATION REFERENCE: 83513-1241-05 MANUFACTURER DESIGNATION: MDA1100PBRWT3, MDA2100PRPT3, MDS100PBRTT3 INSERT ARRANGEMENT: G SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/17	Axon Cable, Inc.
GOVERNMENT DESIGNATION: M83513/17- TEST OR QUALIFICATION REFERENCE: 83513-006-95 MANUFACTURER DESIGNATION: 288- (61 thru 66) - (90) - (0, 1, 2) (02) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/17	Cinch Connectors, Inc.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/17- TEST OR QUALIFICATION REFERENCE: 83513-094-98; 83513-488-03 MANUFACTURER DESIGNATION: MWDM(1-3)-17G)-(01-03)P(.109,.140,.172)(B,P,T,W) INSERT ARRANGEMENT: G SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/17	Glenair
GOVERNMENT DESIGNATION: M83513/17- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM17-(H03CP)(H03NP)(H03PP) INSERT ARRANGEMENT: G SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/17	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/17- TEST OR QUALIFICATION REFERENCE: 83513-69-93 MANUFACTURER DESIGNATION: MDM17G51 (01, 02, 03) ( , A174P) (N, P) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/17	ITT Cannon
GOVERNMENT DESIGNATION: M83513/17- TEST OR QUALIFICATION REFERENCE: 83513-32-94 MANUFACTURER DESIGNATION: M83513/17-G ( ) ( ) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/17	Min-E-Con
GOVERNMENT DESIGNATION: M83513/17- TEST OR QUALIFICATION REFERENCE: 83513-031-98; 83513-310-89; 83513-313-90; 83513-389-86 MANUFACTURER DESIGNATION: 094-47 (14, 24) - (00, 70) (04, 05, 06) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/17	TE Connectivity
GOVERNMENT DESIGNATION: M83513/18- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: MK-47(2,3,5)-100-3(2,3,4)5-(00,22)0R(05K,0BJ) INSERT ARRANGEMENT: H SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/18	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/18- TEST OR QUALIFICATION REFERENCE: 83513-054-95 MANUFACTURER DESIGNATION: 100R ( ) 100PBR ( ) ( ) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/18	Amphenol Canada Corp.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/18- TEST OR QUALIFICATION REFERENCE: 83513-1241-05 MANUFACTURER DESIGNATION: MDA1100PBRWT3, MDA2100PRPT3, MDAS100PBRTT3 INSERT ARRANGEMENT: H SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/18	Axon Cable, Inc.
GOVERNMENT DESIGNATION: M83513/18- TEST OR QUALIFICATION REFERENCE: 83513-006-95 MANUFACTURER DESIGNATION: 288- (61 thru 66) - (100) - (0, 1, 2) (02) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/18	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/18- TEST OR QUALIFICATION REFERENCE: 83513-094-98; 83513-488-03 MANUFACTURER DESIGNATION: MWDM(1-3)-18H)-(01-03)P(.109,.140,.172)(B,P,T,W) INSERT ARRANGEMENT: H SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/18	Glenair
GOVERNMENT DESIGNATION: M83513/18- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM18-(H03CP)(H03NP)(H03PP) INSERT ARRANGEMENT: H SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/18	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/18- TEST OR QUALIFICATION REFERENCE: 83513-69-93 MANUFACTURER DESIGNATION: MDM18H100 (01, 02, 03) ( , A174P) (N, P) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/18	ITT Cannon
GOVERNMENT DESIGNATION: M83513/18- TEST OR QUALIFICATION REFERENCE: 83513-32-94 MANUFACTURER DESIGNATION: M83513/18-H ( ) ( ) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/18	Min-E-Con
GOVERNMENT DESIGNATION: M83513/18- TEST OR QUALIFICATION REFERENCE: 83513-031-98; 83513-310-89; 83513-313-90; 83513-389-86 MANUFACTURER DESIGNATION: 094-49 (14, 24) - (00, 70) (04, 05, 06) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/18	TE Connectivity

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/19- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: MK-28(2,3,5)-(009 thru 037)-4(3,4,5)5-(00,22)0R-(900,0B7) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/19	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/19- TEST OR QUALIFICATION REFERENCE: 83513-054-95 MANUFACTURER DESIGNATION: 100R ( ) ( ) SBR ( ) ( ) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/19	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/19- TEST OR QUALIFICATION REFERENCE: 83513-1241-05 MANUFACTURER DESIGNATION: MDA1100SBRPT3, MDA2100SRTT3, MDS100SBRWT3 INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/19	Axon Cable, Inc.
GOVERNMENT DESIGNATION: M83513/19- TEST OR QUALIFICATION REFERENCE: 83513-006-95 MANUFACTURER DESIGNATION: 289- (61 thru 66) - (10 thru 80) - (0, 1, 2) (02) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/19	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/19- TEST OR QUALIFICATION REFERENCE: 83513-094-98; 83513-488-03 MANUFACTURER DESIGNATION: MWDM(1-3)-19(A-F)-(01-03)S(.109,.140,.172)(B,P,T,W) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/19	Glenair
GOVERNMENT DESIGNATION: M83513/19- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM19-(H03CT)(H03NT)(H03PT) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/19	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/19- TEST OR QUALIFICATION REFERENCE: 83513-69-93 MANUFACTURER DESIGNATION: MDM19 (A9 thru F37) (01, 02, 03) ( , A174P) (N, P) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/19	ITT Cannon

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/19- TEST OR QUALIFICATION REFERENCE: 83513-32-94 MANUFACTURER DESIGNATION: M83513/19- ( ) ( ) ( ) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/19	Min-E-Con
GOVERNMENT DESIGNATION: M83513/19- TEST OR QUALIFICATION REFERENCE: 83513-031-98; 83513-310-89; 83513-313-90; 83513-389-86 MANUFACTURER DESIGNATION: 094-4 (1 thru 6) (16, 26) - (00,70) (04, 05, 06) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/19	TE Connectivity
GOVERNMENT DESIGNATION: M83513/20- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: MK-38(2,3,5)-051-4(3,4,5)5-(00,22)0R-(900,0B7) INSERT ARRANGEMENT: G SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/20	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/20- TEST OR QUALIFICATION REFERENCE: 83513-054-95 MANUFACTURER DESIGNATION: 100R ( ) 51SBR ( ) ( ) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/20	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/20- TEST OR QUALIFICATION REFERENCE: 83513-1241-05 MANUFACTURER DESIGNATION: MDA1100SBRPT3, MDA2100SRTT3, MDS100SBRWT3 INSERT ARRANGEMENT: G SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/20	Axon Cable, Inc.
GOVERNMENT DESIGNATION: M83513/20- TEST OR QUALIFICATION REFERENCE: 83513-006-95 MANUFACTURER DESIGNATION: 289- (61 thru 66) - (90) - (0, 1, 2) (02) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/20	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/20- TEST OR QUALIFICATION REFERENCE: 83513-094-98; 83513-488-03 MANUFACTURER DESIGNATION: MWDM(1-3)-20G)-(01-03)S(.109,.140,.172)(B,P,T,W) INSERT ARRANGEMENT: G SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/20	Glenair



## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/20- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM20-(H03CT)(H03NT)(H03PT) INSERT ARRANGEMENT: G SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/20	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/20- TEST OR QUALIFICATION REFERENCE: 83513-69-93 MANUFACTURER DESIGNATION: MDM20G51 (01, 02, 03) ( , A174P) (N, P) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/20	ITT Cannon
GOVERNMENT DESIGNATION: M83513/20- TEST OR QUALIFICATION REFERENCE: 83513-32-94 MANUFACTURER DESIGNATION: M83513/20-G ( ) ( ) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/20	Min-E-Con
GOVERNMENT DESIGNATION: M83513/20- TEST OR QUALIFICATION REFERENCE: 83513-031-98; 83513-310-89; 83513-313-90; 83513-389-86 MANUFACTURER DESIGNATION: 094-47 (16, 26) - (00, 70) (04, 05) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/20	TE Connectivity
GOVERNMENT DESIGNATION: M83513/21- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: MK-48(2,3,5)-100-4(3,4,5)5-(00,62)0R-(05K,0BJ) INSERT ARRANGEMENT: H SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/21	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/21- TEST OR QUALIFICATION REFERENCE: 83513-054-95 MANUFACTURER DESIGNATION: 100R ( ) 100SBR ( ) ( ) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/21	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/21- TEST OR QUALIFICATION REFERENCE: 83513-1241-05 MANUFACTURER DESIGNATION: MDA1100SBRPT3, MDA2100SRRT3, MDAS100SBRWT3 INSERT ARRANGEMENT: H SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/21	Axon Cable, Inc.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/21- TEST OR QUALIFICATION REFERENCE: 83513-006-95 MANUFACTURER DESIGNATION: 289- (61 thru 66) - (00) - (0, 1, 2) (02) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/21	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/21- TEST OR QUALIFICATION REFERENCE: 83513-094-98; 83513-488-03 MANUFACTURER DESIGNATION: MWDM(1-3)-21H)-(01-03)S(.109,.140,.172)(B,P,T,W) INSERT ARRANGEMENT: H SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/21	Glenair
GOVERNMENT DESIGNATION: M83513/21- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM21-(H03CT)(H03NT)(H03PT) INSERT ARRANGEMENT: H SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/21	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/21- TEST OR QUALIFICATION REFERENCE: 83513-69-93 MANUFACTURER DESIGNATION: MDM21H100 (01, 02, 03) ( , A174P) (N, P) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/21	ITT Cannon
GOVERNMENT DESIGNATION: M83513/21- TEST OR QUALIFICATION REFERENCE: 83513-32-94 MANUFACTURER DESIGNATION: M83513/21-H ( ) ( ) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/21	Min-E-Con
GOVERNMENT DESIGNATION: M83513/21- TEST OR QUALIFICATION REFERENCE: 83513-031-98; 83513-310-89; 83513-313-90; 83513-389-86 MANUFACTURER DESIGNATION: 094-49 (16, 26) - (00, 70) (04, 05, 06) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/21	TE Connectivity
GOVERNMENT DESIGNATION: M83513/22- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: MK-21(2,3,5)-(009 thru 037)-1(2,3,4)5-(00,22)00(-0B7) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/22	Airborn, Inc.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/22- TEST OR QUALIFICATION REFERENCE: 83513-054-95 MANUFACTURER DESIGNATION: 100R( ) ( )PBS( ) ( ) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/22	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/22- TEST OR QUALIFICATION REFERENCE: 83513-1241-05 MANUFACTURER DESIGNATION: MDA1100PBSWT3, MDA2100PBSWT3, MDS100PBSPT3 INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/22	Axon Cable, Inc.
GOVERNMENT DESIGNATION: M83513/22- TEST OR QUALIFICATION REFERENCE: 83513-006-95 MANUFACTURER DESIGNATION: 288- (61 thru 66) - (10 thru 80) - (0, 1, 2) (01) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/22	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/22- TEST OR QUALIFICATION REFERENCE: 83513-284-92 MANUFACTURER DESIGNATION: CIM22 (A thru F) (01, 02, 03) (C, N) (N, P) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/22	Cristek Intereconnects, Inc.
GOVERNMENT DESIGNATION: M83513/22- TEST OR QUALIFICATION REFERENCE: 83513-094-98; 83513-488-03 MANUFACTURER DESIGNATION: MWDM(1-3)-22(A-F)-(01-03)P(.109,.140,.172)(B,P,T,W) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/22	Glenair
GOVERNMENT DESIGNATION: M83513/22- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM22-(H03CP)(H03NP)(H03PP) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/22	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/22- TEST OR QUALIFICATION REFERENCE: 83513-69-93 MANUFACTURER DESIGNATION: MDM22 (A9 thru F37) (01, 02, 03) ( , A174P) (N, P) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/22	ITT Cannon

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/22- TEST OR QUALIFICATION REFERENCE: 83513-32-94 MANUFACTURER DESIGNATION: M83513/22-( ) ( ) ( ) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/22	Min-E-Con
GOVERNMENT DESIGNATION: M83513/22- TEST OR QUALIFICATION REFERENCE: 83513-031-98; 83513-310-89; 83513-313-90; 83513-389-86 MANUFACTURER DESIGNATION: 094-5(1 thru 6) (14,24)-(00, 70) (01, 02, 03) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/22	TE Connectivity
GOVERNMENT DESIGNATION: M83513/23- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: MK-31(2,3,5)-051-1(2,3,4)5-(00,22)00(-0B7) INSERT ARRANGEMENT: G SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/23	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/23- TEST OR QUALIFICATION REFERENCE: 83513-054-95; 83513-2808-10 MANUFACTURER DESIGNATION: 100R ( ) 51PBS ( ) ( ) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/23	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/23- TEST OR QUALIFICATION REFERENCE: 83513-1241-05 MANUFACTURER DESIGNATION: MDA1100PBSWT3, MDA2100PBSWT3, MDS100PBSPT3 INSERT ARRANGEMENT: G SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/23	Axon Cable, Inc.
GOVERNMENT DESIGNATION: M83513/23- TEST OR QUALIFICATION REFERENCE: 83513-284-92 MANUFACTURER DESIGNATION: CIM23 (01,02,03) (C,N) (N,P) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/23	Cristek Intereconnects, Inc.
GOVERNMENT DESIGNATION: M83513/23- TEST OR QUALIFICATION REFERENCE: 83513-094-98; 83513-488-03 MANUFACTURER DESIGNATION: MWDM(1-3)-23G)-(01-03)P(.109,.140,.172)(B,P,T,W) INSERT ARRANGEMENT: G SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/23	Glenair

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/23- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM23-(H03CP)(H03NP)(H03PP) INSERT ARRANGEMENT: G SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/23	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/23- TEST OR QUALIFICATION REFERENCE: 83513-69-93 MANUFACTURER DESIGNATION: MDM23G51 (01, 02, 03) ( ,A174P) (N, P) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/23	ITT Cannon
GOVERNMENT DESIGNATION: M83513/23- TEST OR QUALIFICATION REFERENCE: 83513-32-94 MANUFACTURER DESIGNATION: M83513/23-G ( ) ( ) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/23	Min-E-Con
GOVERNMENT DESIGNATION: M83513/23- TEST OR QUALIFICATION REFERENCE: 83513-031-98; 83513-310-89; 83513-313-90; 83513-389-86 MANUFACTURER DESIGNATION: 094-57 (14, 24) - (00, 70) (01, 02, 03) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/23	TE Connectivity
GOVERNMENT DESIGNATION: M83513/24- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: MK-41(2,3,5)-100-1(2,3,4)5-(00,62)00(-0B7) INSERT ARRANGEMENT: H SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/24	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/24- TEST OR QUALIFICATION REFERENCE: 83513-054-95; 83513-2808-10 MANUFACTURER DESIGNATION: 100R( ) 100PBS( ) ( ) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/24	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/24- TEST OR QUALIFICATION REFERENCE: 83513-1241-05 MANUFACTURER DESIGNATION: MDA2100PBSWT3, MDA2100PBSWT3, MDAS100PBSPT3 INSERT ARRANGEMENT: H SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/24	Axon Cable, Inc.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/24- TEST OR QUALIFICATION REFERENCE: 83513-006-95 MANUFACTURER DESIGNATION: 288-(61 thru66)-(00)-(0,1,2)(01) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/24	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/24- TEST OR QUALIFICATION REFERENCE: 83513-284-92 MANUFACTURER DESIGNATION: CIM24 (01,02,03)(C,N)(N,P) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/24	Cristek Intereconnects, Inc.
GOVERNMENT DESIGNATION: M83513/24- TEST OR QUALIFICATION REFERENCE: 83513-094-98; 83513-488-03 MANUFACTURER DESIGNATION: MWDM(1-3)-24H)-(01-03)P(.109,.140,.172)(B,P,T,W) INSERT ARRANGEMENT: H SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/24	Glenair
GOVERNMENT DESIGNATION: M83513/24- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM24-(H03CP)(H03NP)(H03PP) INSERT ARRANGEMENT: H SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/24	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/24- TEST OR QUALIFICATION REFERENCE: 83513-69-93 MANUFACTURER DESIGNATION: MDM24H100(01,02,03)(,A174P)(N,P) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/24	ITT Cannon
GOVERNMENT DESIGNATION: M83513/24- TEST OR QUALIFICATION REFERENCE: 83513-32-94 MANUFACTURER DESIGNATION: M83513/24-H( ) ( ) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/24	Min-E-Con
GOVERNMENT DESIGNATION: M83513/24- TEST OR QUALIFICATION REFERENCE: 83513-031-98; 83513-310-89; 83513-389-86; 83519-313-90 MANUFACTURER DESIGNATION: 094-59(14,24)-(00,70)(01,02,03) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/24	TE Connectivity

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/25- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: MK-22(2,3,5)-(009 thru 037)-2(2,3,4)5-(00,22)00-(900,0B7) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/25	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/25- TEST OR QUALIFICATION REFERENCE: 83513-054-95; 83513-2808-10 MANUFACTURER DESIGNATION: 100R ( ) ( ) SMIBS ( ) ( ) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/25	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/25- TEST OR QUALIFICATION REFERENCE: 83513-1241-05 MANUFACTURER DESIGNATION: MDA1100SBSWT3, MDA2100SBSWT3, MDS100SBSPT3 INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/25	Axon Cable, Inc.
GOVERNMENT DESIGNATION: M83513/25- TEST OR QUALIFICATION REFERENCE: 83513-006-95 MANUFACTURER DESIGNATION: 289-(61thru 66)-(10 thru 80)-(0,1,2)(01) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/25	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/25- TEST OR QUALIFICATION REFERENCE: 83513-284-92 MANUFACTURER DESIGNATION: CIM25 (A thru F)(01,02,03)(C,N)(N,P) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/25	Cristek Intereconnects, Inc.
GOVERNMENT DESIGNATION: M83513/25- TEST OR QUALIFICATION REFERENCE: 83513-094-98; 83513-488-03 MANUFACTURER DESIGNATION: MWDM(1-3)-25(A-F)-(01-03)S(.109,.140,.172)(B,P,T,W) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/25	Glenair
GOVERNMENT DESIGNATION: M83513/25- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM25-(H03CT)(H03NT)(H03PT) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/25	HiRel Connectors, Inc.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/25- TEST OR QUALIFICATION REFERENCE: 83513-69-93 MANUFACTURER DESIGNATION: MDM25(A9 thru F37)(01,02,03),(A174P)(N,P) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/25	ITT Cannon
GOVERNMENT DESIGNATION: M83513/25- TEST OR QUALIFICATION REFERENCE: 83513-32-94 MANUFACTURER DESIGNATION: M83513/25-( ) ( ) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/25	Min-E-Con
GOVERNMENT DESIGNATION: M83513/25- TEST OR QUALIFICATION REFERENCE: 83513-031-98; 83513-310-89; 83513-313-90; 83513-389-86 MANUFACTURER DESIGNATION: 094-5(1 thru 6)(16,26)-(00,70)(04,05,06) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/25	TE Connectivity
GOVERNMENT DESIGNATION: M83513/26- TEST OR QUALIFICATION REFERENCE: 85313-286-86 MANUFACTURER DESIGNATION: MK-32(2,3,5)-051-2(2,3,4)5-(00,22)00-(900,0B7) INSERT ARRANGEMENT: G SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/26	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/26- TEST OR QUALIFICATION REFERENCE: 83513-054-95 MANUFACTURER DESIGNATION: 100R ( ) 51SBS ( ) ( ) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/26	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/26- TEST OR QUALIFICATION REFERENCE: 83513-1241-05 MANUFACTURER DESIGNATION: MDA1100SBSWT3, MDA2100SBSWT3, MDS100SBSPT3 INSERT ARRANGEMENT: G SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/26	Axon Cable, Inc.
GOVERNMENT DESIGNATION: M83513/26- TEST OR QUALIFICATION REFERENCE: 83513-006-95 MANUFACTURER DESIGNATION: 289-(61 thru 66)-(90)-(0,1,2)(01) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/26	Cinch Connectors, Inc.



## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/26- TEST OR QUALIFICATION REFERENCE: 83513-284-92 MANUFACTURER DESIGNATION: CIM26 (01,02,03)(C,N)(N,P) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/26	Cristek Intereconnects, Inc.
GOVERNMENT DESIGNATION: M83513/26- TEST OR QUALIFICATION REFERENCE: 83513-094-98; 83513-488-03 MANUFACTURER DESIGNATION: MWDM(1-3)-26G)-(01-03)S(.109,.140,.172)(B,P,T,W) INSERT ARRANGEMENT: G SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/26	Glenair
GOVERNMENT DESIGNATION: M83513/26- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM26-(H03CT)(H03NT)(H03PT) INSERT ARRANGEMENT: G SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/26	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/26- TEST OR QUALIFICATION REFERENCE: 83513-69-93 MANUFACTURER DESIGNATION: MDM26G51(01,02,03)( ,A174P)(N,P) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/26	ITT Cannon
GOVERNMENT DESIGNATION: M83513/26- TEST OR QUALIFICATION REFERENCE: 83513-32-94 MANUFACTURER DESIGNATION: M83513/26-G( ) ( ) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/26	Min-E-Con
GOVERNMENT DESIGNATION: M83513/26- TEST OR QUALIFICATION REFERENCE: 83513-031-98; 83513-310-89; 83513-313-90; 83513-389-86 MANUFACTURER DESIGNATION: 094-57 (16,26)-(00,70)(04,05) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/26	TE Connectivity
GOVERNMENT DESIGNATION: M83513/27- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: MK-42(2,3,5)-100-2(2,3,4)5-(00,62)00-(900,0B7) INSERT ARRANGEMENT: H SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/27	Airborn, Inc.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/27- TEST OR QUALIFICATION REFERENCE: 83513-054-95 MANUFACTURER DESIGNATION: 100R ( ) 100SBS ( ) ( ) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/27	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/27- TEST OR QUALIFICATION REFERENCE: 83513-1241-05 MANUFACTURER DESIGNATION: MDA1100SBSWT3, MDA2100SBSPT3, MDAS100SBSTT3 INSERT ARRANGEMENT: H SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/27	Axon Cable, Inc.
GOVERNMENT DESIGNATION: M83513/27- TEST OR QUALIFICATION REFERENCE: 83513-006-95 MANUFACTURER DESIGNATION: 289-(61 thru 66)-(00)-(0,1,2)(01) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/27	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/27- TEST OR QUALIFICATION REFERENCE: 83513-284-92 MANUFACTURER DESIGNATION: CIM27 (01, 02, 03) (C, N) (N, P) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/27	Cristek Intereconnects, Inc.
GOVERNMENT DESIGNATION: M83513/27- TEST OR QUALIFICATION REFERENCE: 83513-094-98; 83513-488-03 MANUFACTURER DESIGNATION: MWDM(1-3)-27H)-(01-03)S(.109,.140,.172)(B,P,T,W) INSERT ARRANGEMENT: H SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/27	Glenair
GOVERNMENT DESIGNATION: M83513/27- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM27-(H03CT)(H03NT)(H03PT) INSERT ARRANGEMENT: H SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/27	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/27- TEST OR QUALIFICATION REFERENCE: 83513-69-93 MANUFACTURER DESIGNATION: MDM27H100 (01, 02, 03) ( ,A174P) (N, P) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/27	ITT Cannon

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/27- TEST OR QUALIFICATION REFERENCE: 83513-32-94 MANUFACTURER DESIGNATION: M83513/27-H ( ) ( ) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/27	Min-E-Con
GOVERNMENT DESIGNATION: M83513/27- TEST OR QUALIFICATION REFERENCE: 83513-031-98; 83513-310-89; 83513-313-90; 83513-389-86 MANUFACTURER DESIGNATION: 094-59 (16,26) - (00,70) (01,02,03) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/27	TE Connectivity
GOVERNMENT DESIGNATION: M83513/28- TEST OR QUALIFICATION REFERENCE: 83513-962-04 MANUFACTURER DESIGNATION: MK-23(2,3,5)-0(009 thru 037)-1(2,3,4)5-(00,22)00-(0B7) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/28	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/28- TEST OR QUALIFICATION REFERENCE: 83513-819-04 MANUFACTURER DESIGNATION: MWDM(1 thru 3)-28-(A thru F)-(01 thru 03)P-(.109 thru .172)(N thru W) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/28	Axon Cable, Inc.
GOVERNMENT DESIGNATION: M83513/28- TEST OR QUALIFICATION REFERENCE: 83513-819-04 MANUFACTURER DESIGNATION: MWDM(1 thru 3)-28-(A thru F)-(01 thru 03)P-(.109 thru .172)(N thru W) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/28	Glenair, Inc.
GOVERNMENT DESIGNATION: M83513/28- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM28-(H03CP)(H03NP)(H03PP) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/28	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/28- TEST OR QUALIFICATION REFERENCE: 83513-1813-07 MANUFACTURER DESIGNATION: M83513/28-( ) ( ) ( ) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/28	Min-E-Con

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/28- TEST OR QUALIFICATION REFERENCE: 83513-1228-05 MANUFACTURER DESIGNATION: 8356(1 thru 6)(0 thru 1)(17 thru 19)(0,7,8,9) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/28	Ulti-Mate Connector, Inc.
GOVERNMENT DESIGNATION: M83513/29- TEST OR QUALIFICATION REFERENCE: 83513-962-04 MANUFACTURER DESIGNATION: MK-33(2,3,5)-051-1(2,3,4)5-(00,22)00-(0B7) INSERT ARRANGEMENT: G SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/29	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/29- TEST OR QUALIFICATION REFERENCE: 83513-819-04 MANUFACTURER DESIGNATION: MWDM(1 thru 3)-29-G-(01 thru 03)P-(.109 thru .172)(N thru W) INSERT ARRANGEMENT: G SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/29	Axon Cable, Inc.
GOVERNMENT DESIGNATION: M83513/29- TEST OR QUALIFICATION REFERENCE: 83513-819-04 MANUFACTURER DESIGNATION: MWDM(1 thru 3)-29-G-(01 thru 03)P-(.109 thru .172)(N thru W) INSERT ARRANGEMENT: G SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/29	Glenair, Inc.
GOVERNMENT DESIGNATION: M83513/29- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM29-(H03CP)(H03NP)(H03PP) INSERT ARRANGEMENT: G SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/29	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/29- TEST OR QUALIFICATION REFERENCE: 83513-1813-07 MANUFACTURER DESIGNATION: M83513/29-G( ) ( ) INSERT ARRANGEMENT: G SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/29	Min-E-Con
GOVERNMENT DESIGNATION: M83513/29- TEST OR QUALIFICATION REFERENCE: 83513-1228-05 MANUFACTURER DESIGNATION: 83567(0 thru 1)(17 thru 19)(0,7,8,9) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/29	Ulti-Mate Connector, Inc.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/30- TEST OR QUALIFICATION REFERENCE: 83513-962-04 MANUFACTURER DESIGNATION: MK-43(2,3,5)-100-1(2,3,4)5-(00,62)00-(0B7) INSERT ARRANGEMENT: H SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/30	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/30- TEST OR QUALIFICATION REFERENCE: 83513-819-04 MANUFACTURER DESIGNATION: MWDM(1 thru 3)-30-H-(01 thru 03)P-(.109 thru .172)(N thru W) INSERT ARRANGEMENT: H SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/30	Axon Cable, Inc.
GOVERNMENT DESIGNATION: M83513/30- TEST OR QUALIFICATION REFERENCE: 83513-819-04 MANUFACTURER DESIGNATION: MWDM(1 thru 3)-30-H-(01 thru 03)P-(.109 thru .172)(N thru W) INSERT ARRANGEMENT: H SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/30	Glenair, Inc.
GOVERNMENT DESIGNATION: M83513/30- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM30-(H03CP)(H03NP)(H03PP) INSERT ARRANGEMENT: H SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/30	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/30- TEST OR QUALIFICATION REFERENCE: 83513-1813-07 MANUFACTURER DESIGNATION: M83513/30-H( ) ( ) INSERT ARRANGEMENT: H SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/30	Min-E-Con
GOVERNMENT DESIGNATION: M83513/30- TEST OR QUALIFICATION REFERENCE: 83513-1228-05 MANUFACTURER DESIGNATION: 83568(0 thru 1)(17 thru 19)(0,7,8,9) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/30	Ulti-Mate Connector, Inc.
GOVERNMENT DESIGNATION: M83513/31- TEST OR QUALIFICATION REFERENCE: 83513-962-04 MANUFACTURER DESIGNATION: MK-24(2,3,5)-0(09,15,21,25,31,37)-2(2,3,4)5-(00,22)00-(900,0B7) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/31	Airborn, Inc.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/31- TEST OR QUALIFICATION REFERENCE: 83513-819-04 MANUFACTURER DESIGNATION: MWDM(1 thru 3)-31-(A thru F)-(01 thru 03)S-(.109 thru .172)(N thru W) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/31	Axon Cable, Inc.
GOVERNMENT DESIGNATION: M83513/31- TEST OR QUALIFICATION REFERENCE: 83513-819-04 MANUFACTURER DESIGNATION: MWDM(1 thru 3)-31-(A thru F)-(01 thru 03)S-(.109 thru .172)(N thru W) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/31	Glenair, Inc.
GOVERNMENT DESIGNATION: M83513/31- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM31-(H03CT)(H03NT)(H03PT) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/31	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/31- TEST OR QUALIFICATION REFERENCE: 83513-1813-07 MANUFACTURER DESIGNATION: M83513/31-( ) ( ) ( ) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/31	Min-E-Con
GOVERNMENT DESIGNATION: M83513/31- TEST OR QUALIFICATION REFERENCE: 83513-1228-05 MANUFACTURER DESIGNATION: 8357(1 thru 6)(0 thru 1)(17 thru 19)(0,7,8,9) INSERT ARRANGEMENT: A, B, C, D, E, F SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/31	Ulti-Mate Connector, Inc.
GOVERNMENT DESIGNATION: M83513/32- TEST OR QUALIFICATION REFERENCE: 83513-962-04 MANUFACTURER DESIGNATION: MK-34(2,3,5)-051-2(2,3,4)5-(00,22)00-(900,0B7) INSERT ARRANGEMENT: G SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/32	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/32- TEST OR QUALIFICATION REFERENCE: 83513-819-04 MANUFACTURER DESIGNATION: MWDM(1 thru 3)-32-G)-(01 thru 03)S-(.109 thru .172)(N thru W) INSERT ARRANGEMENT: G SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/32	Axon Cable, Inc.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/32- TEST OR QUALIFICATION REFERENCE: 83513-819-04 MANUFACTURER DESIGNATION: MWDM(1 thru 3)-32-G-(01 thru 03)S-(.109 thru .172)(N thru W) INSERT ARRANGEMENT: G SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/32	Glenair, Inc.
GOVERNMENT DESIGNATION: M83513/32- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM32-(H03CT)(H03NT)(H03PT) INSERT ARRANGEMENT: G SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/32	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/32- TEST OR QUALIFICATION REFERENCE: 83513-1813-07 MANUFACTURER DESIGNATION: M83513/32 G( ) ( ) INSERT ARRANGEMENT: G SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/32	Min-E-Con
GOVERNMENT DESIGNATION: M83513/32- TEST OR QUALIFICATION REFERENCE: 83513-1228-05 MANUFACTURER DESIGNATION: 83577(0 thru 1)(17 thru 19)(0,7,8,9) INSERT ARRANGEMENT: G SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/32	Ulti-Mate Connector, Inc.
GOVERNMENT DESIGNATION: M83513/33- TEST OR QUALIFICATION REFERENCE: 83513-962-04 MANUFACTURER DESIGNATION: MK-44(2,3,5)-100-2(2,3,4)5-(00,62)00-(900,0B7) INSERT ARRANGEMENT: H SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/33	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/33- TEST OR QUALIFICATION REFERENCE: 83513-819-04 MANUFACTURER DESIGNATION: MWDM(1 thru 3)-33-H-(01 thru 03)S-(.109 thru .172)(N thru W) INSERT ARRANGEMENT: H SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/33	Axon Cable, Inc.
GOVERNMENT DESIGNATION: M83513/33- TEST OR QUALIFICATION REFERENCE: 83513-819-04 MANUFACTURER DESIGNATION: MWDM(1 thru 3)-33-H-(01 thru 03)S-(.109 thru .172)(N thru W) INSERT ARRANGEMENT: H SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/33	Glenair, Inc.

PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/33- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM33-(H03CT)(H03NT)(H03PT) INSERT ARRANGEMENT: H SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/33	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/33- TEST OR QUALIFICATION REFERENCE: 83513-1813-07 MANUFACTURER DESIGNATION: M83513/33-H( )( INSERT ARRANGEMENT: H SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/33	Min-E-Con
GOVERNMENT DESIGNATION: M83513/33- TEST OR QUALIFICATION REFERENCE: 83513-1228-05 MANUFACTURER DESIGNATION: 83578(0 thru 1)(17 thru 19)(0,7,8,9) INSERT ARRANGEMENT: H SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/33	Ulti-Mate Connector, Inc.



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**Manufacturer and Supplier Location Information**

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**Manufacturer: AirBorn Operating LP (CAGE Code: 10400)**

Location: 4321 Airborn Drive, Addison, TX 75001-0519, US

## Plants:

1. Plant: Same Address as Manufacturer
2. Airborn, Inc. (Georgetown, TX), 3500 AirBorn Circle, Georgetown, TX 78626, US

**Manufacturer: Amphenol Canada Corp. (CAGE Code: 03554)**Location: 605 Milner Avenue, Toronto, Ontario  
Ontario, Canada M1B 5X6

## Plants:

1. Amphenol Optimize Mexico, SA de C.V., Los Gavilanes No. 51, Parque Industrial San Ramon Nogales, Sonora 84090, Mexico

**Manufacturer: Amphneol Aerospace/Amphenol Connectors (CAGE Code: 77820)**

Location: 40-60 Delaware, Sidney, NY 13838, US

**Manufacturer: Axon Cable, Inc. (CAGE Code: 0K0J2)**

Location: 1314 Plum Grove Road, Schaumburg, IL 60173-4546, US

## Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Cinch Connectors, Inc. (CAGE Code: 71785)**

Location: 1700 Finley Road, Lombard, IL 60148-4890, US

## Plants:

1. Cinch Connectors de Mexico, Parque Industrial Maquilpark, Carr. Riberena Km. 9, Av. Florida, Reynosa, Tam., Mexico, Apdo. Postal 1016 C.P. 88500, Mexico

**Manufacturer: Cristek Interconnects, Inc. (CAGE Code: 67720)**

Location: 5395 E. Hunter Avenue, Anaheim, CA 92807, US

## Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Glenair, Inc. (CAGE Code: 06324)**

Location: 1211 Air Way, Glendale, CA 91201-2497, US

## Plants:

1. Plant: Same Address as Manufacturer
2. Microway Systems, Inc., CAGE: 0CA77, 7000 N. Lawndale Avenue, Lincolnwood, IL 60712-2610, US

## Authorized Distributors:

1. Avnet, Inc.
- Avnet, Inc., 60 S. McKemy Avenue, Chandler, AZ 85226, US
2. CPN Electronics, Inc., 4880 N. Hiatus Road, Sunrise, FL 33351, US
3. Glenair UK Ltd, 40 Lower Oakham Way, Oakham Business Park, Mansfield, Notts NG18 5BY, UK
4. TTI, 2601 Sylvania Cross Drive, Fort Worth, TX 76137, US

**Manufacturer: Hi-Rel Connectors, Inc. (CAGE Code: 34222)**

Location: 760 W. Wharton Drive, Claremont, CA 91711-4800, US

## Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: HTS-Engineering, Inc. (CAGE Code: 1SZ86)**

Location: 4079 Oceanside Boulevard, Suite G, Oceanside, CA 92956, US

## Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: ITT Cannon (CAGE Code: 71468)**

Location: 666 East Dyer Road, Santa Ana, CA 92702-0929, US

## Plants:

1. Plant: Same Address as Manufacturer
2. ITT Cannon (Mexico), ITT Cannon de Mexico, SA de CV, Avenida del Libre Comercio S/N Entre Calzada Industrial Nuevo Nogales y Calzada del Racquet Club, Col. Parque Industrial Nuevo Nogales, Nogales, Sonora C.P. 84093, Mexico

## Authorized Distributors:

1. Avnet, Inc., Calzada Industrial Nuevo Nogales # 1061, Parque Industrial Nuevo Nogales, Nogales, Sonora 84094, Mexico
2. PEI Genesis Electronics, 4747 West Cleveland Road, South Bend, IN 46628, US

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**Manufacturer and Supplier Location Information**

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**Manufacturer: ITT Cannon (CAGE Code: 71468)**

Location: 666 East Dyer Road, Santa Ana, CA 92702-0929, US

Authorized Distributors:

3. PEI Genesis, UK, George Curl Way, Southampton SO18 2RZ, United Kingdom

**Manufacturer: Min-E-Con (CAGE Code: 54455)**

Location: 17312 Eastman, Irvine, CA 92614, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Omnetics Connector Corp. (CAGE Code: 61873)**

Location: 7260 Commerce Circle East, Minneapolis, MN 55342, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Tyco Electronics Corporation - Microdot (CAGE Code: 98278)**

Location: 250 Eddie Jones Way, Oceanside, CA 92058, US

Assembly Plants:

1. LaBarge, Inc., 1505 S. Maiden Lane, Joplin, MO 64801-3819, US

Plants:

1. TE Connectivity-Tyco Electronics AMP Amermex S.A de C.V, CAGE: SUL03, Blvd. Doctor Antonio Quiroga #22, Parque Industrial Progreso, Colonia El Llano, Hermosillo, Sonora 83210, Mexico

**Manufacturer: Ulti-Mate Connector, Inc. (CAGE Code: 58967)**

Location: 1872 North Case Street, Orange, CA 92865, US

Plants:

1. Plant: Same Address as Manufacturer