

**DLA Land and Maritime - VQ  
Supplemental Information Sheet for Electronic QPL-83513**

Date: 10/4/2012

**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.

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	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	Omnetics 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: 83513-1241-05 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.

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	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
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: 83513-2108-08 MANUFACTURER DESIGNATION: MDE03* INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: N WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/3	Deutsch ECD
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) 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: 83513-1241-05 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: 83513-2108-08 MANUFACTURER DESIGNATION: MDE04* INSERT ARRANGEMENT: A, B, C, D, E, F, G, H SHELL FINISH: N WIRE TYPE: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	/4	Deutsch ECD
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	Omnetics 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) 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**

	SPECIFI- CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
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: M83513/05-02 TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: 500-002	/5	HTS-Engineering, Inc.
GOVERNMENT DESIGNATION: M83513/05-03 TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: 500-003	/5	HTS-Engineering, Inc.
GOVERNMENT DESIGNATION: M83513/05-05 TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: 500-005	/5	HTS-Engineering, Inc.
GOVERNMENT DESIGNATION: M83513/05-06 TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: 500-006	/5	HTS-Engineering, Inc.
GOVERNMENT DESIGNATION: M83513/05-07 TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: 500-007	/5	HTS-Engineering, Inc.
GOVERNMENT DESIGNATION: M83513/05-12 TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: 500-012	/5	HTS-Engineering, Inc.
GOVERNMENT DESIGNATION: M83513/05-13 TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: 500-013	/5	HTS-Engineering, Inc.
GOVERNMENT DESIGNATION: M83513/05-15 TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: 500-015	/5	HTS-Engineering, Inc.
GOVERNMENT DESIGNATION: M83513/05-16 TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: 500-016	/5	HTS-Engineering, Inc.
GOVERNMENT DESIGNATION: M83513/05-17 TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: 500-017	/5	HTS-Engineering, Inc.
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.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
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
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.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
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.
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

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
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.
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

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
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.
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

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
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
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-G- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: MK-35(2,3,5)-051-3(2, 3, 4)5-(00,22)0S(-0B7) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/11	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/11-G- TEST OR QUALIFICATION REFERENCE: 83513-054-95 MANUFACTURER DESIGNATION: 100R ( ) ( ) 51PCBR ( ) ( ) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/11	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/11-G- TEST OR QUALIFICATION REFERENCE: 83513-006-95 MANUFACTURER DESIGNATION: 288-(61 thru 66)-(90)-(0, 1, 2) (03) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/11	Cinch Connectors, Inc.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/11-G- TEST OR QUALIFICATION REFERENCE: 83513-284-92 MANUFACTURER DESIGNATION: CIM11 (01, 02, 03) (C, N) (N, P) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/11	Cristek Intereconnects, Inc.
GOVERNMENT DESIGNATION: M83513/11-G- 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) SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/11	Glenair
GOVERNMENT DESIGNATION: M83513/11-G- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM11-(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	/11	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/11-G- TEST OR QUALIFICATION REFERENCE: 83513-69-93 MANUFACTURER DESIGNATION: MDM11G51 (01, 02, 03) ( , A174P) (N, P) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/11	ITT Cannon
GOVERNMENT DESIGNATION: M83513/11-G- TEST OR QUALIFICATION REFERENCE: 83513-32-94 MANUFACTURER DESIGNATION: M83513/11-G ( ) ( ) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/11	Min-E-Con
GOVERNMENT DESIGNATION: M83513/11-G- 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) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/11	TE Connectivity
GOVERNMENT DESIGNATION: M83513/12- TEST OR QUALIFICATION REFERENCE: 83513-1241-05 MANUFACTURER DESIGNATION: MDA1100PCBRPT3, MDA2100PCBRPT3, 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-H- 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) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/12	Airborn, Inc.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/12-H- TEST OR QUALIFICATION REFERENCE: 83513-054-95 MANUFACTURER DESIGNATION: 100R ( ) ( ) 100PCBR ( ) ( ) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/12	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/12-H- TEST OR QUALIFICATION REFERENCE: 83513-006-95 MANUFACTURER DESIGNATION: 288-(61 thru 66)-(00)-(0, 1, 2) (03) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/12	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/12-H- TEST OR QUALIFICATION REFERENCE: 83513-284-92 MANUFACTURER DESIGNATION: CIM12 (01, 02, 03) (C, N) N, P SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/12	Cristek Intereconnects, Inc.
GOVERNMENT DESIGNATION: M83513/12-H- 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) SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/12	Glenair
GOVERNMENT DESIGNATION: M83513/12-H- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM12-(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	/12	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/12-H- TEST OR QUALIFICATION REFERENCE: 83513-69-93 MANUFACTURER DESIGNATION: MDM12H100(01, 02, 03) ( , A174P) (N, P) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/12	ITT Cannon
GOVERNMENT DESIGNATION: M83513/12-H- TEST OR QUALIFICATION REFERENCE: 83513-32-94 MANUFACTURER DESIGNATION: M83513/12-H ( ) ( ) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/12	Min-E-Con
GOVERNMENT DESIGNATION: M83513/12-H- 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) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/12	TE Connectivity

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
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.
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	/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.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
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
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: 83513-1241-05 MANUFACTURER DESIGNATION: MDA1100SCBRTT3, 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-G- 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) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/14	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/14-G- TEST OR QUALIFICATION REFERENCE: 83513-054-95 MANUFACTURER DESIGNATION: 100R ( ) 51SCBR ( ) ( ) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/14	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/14-G- TEST OR QUALIFICATION REFERENCE: 83513-006-95 MANUFACTURER DESIGNATION: 289- (61 thru 66) - (90) - (0, 1, 2) (03) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/14	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/14-G- TEST OR QUALIFICATION REFERENCE: 83513-284-92 MANUFACTURER DESIGNATION: CIM14 (01, 02, 03) (C, N) (N, P) 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-G- 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) SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/14	Glenair
GOVERNMENT DESIGNATION: M83513/14-G- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM14-(H03CT)(H03NT)(H03PT) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/14	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/14-G- TEST OR QUALIFICATION REFERENCE: 83513-69-93 MANUFACTURER DESIGNATION: MDM14G51 (01, 02, 03) ( , A174P) (N, P) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/14	ITT Cannon
GOVERNMENT DESIGNATION: M83513/14-G- TEST OR QUALIFICATION REFERENCE: 83513-32-94 MANUFACTURER DESIGNATION: M83513/14-G ( ) ( ) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/14	Min-E-Con
GOVERNMENT DESIGNATION: M83513/14-G- 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) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/14	TE Connectivity
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-H- 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) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/15	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/15-H- TEST OR QUALIFICATION REFERENCE: 83513-054-95 MANUFACTURER DESIGNATION: 100R ( ) 100SCBR ( ) ( ) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/15	Amphenol Canada Corp.

## PART LISTINGS

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

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
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	/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.
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

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
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: 83513-1241-05 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-G- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: MK-37(2,3,5)-051-3(2,3,4)5-(00,22)0R(-0B7) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/17	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/17-G- TEST OR QUALIFICATION REFERENCE: 83513-054-95 MANUFACTURER DESIGNATION: 100R ( ) ( ) 51PBR ( ) ( ) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/17	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/17-G- TEST OR QUALIFICATION REFERENCE: 83513-006-95 MANUFACTURER DESIGNATION: 288- (61 thru 66) - (90) - (0, 1, 2) (02) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/17	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/17-G- 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) SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/17	Glenair
GOVERNMENT DESIGNATION: M83513/17-G- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM17-(H03CP)(H03NP)(H03PP) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/17	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/17-G- TEST OR QUALIFICATION REFERENCE: 83513-69-93 MANUFACTURER DESIGNATION: MDM17G51 (01, 02, 03) ( , A174P) (N, P) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/17	ITT Cannon

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/17-G- TEST OR QUALIFICATION REFERENCE: 83513-32-94 MANUFACTURER DESIGNATION: M83513/17-G ( ) ( ) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/17	Min-E-Con
GOVERNMENT DESIGNATION: M83513/17-G- 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) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/17	TE Connectivity
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-H- 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) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/18	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/18-H- TEST OR QUALIFICATION REFERENCE: 83513-054-95 MANUFACTURER DESIGNATION: 100R ( ) 100PBR ( ) ( ) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/18	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/18-H- TEST OR QUALIFICATION REFERENCE: 83513-006-95 MANUFACTURER DESIGNATION: 288- (61 thru 66) - (100) - (0, 1, 2) (02) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/18	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/18-H- 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) SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/18	Glenair
GOVERNMENT DESIGNATION: M83513/18-H- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM18-(H03CP)(H03NP)(H03PP) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/18	HiRel Connectors, Inc.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/18-H- TEST OR QUALIFICATION REFERENCE: 83513-69-93 MANUFACTURER DESIGNATION: MDM18H100 (01, 02, 03) ( , A174P) (N, P) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/18	ITT Cannon
GOVERNMENT DESIGNATION: M83513/18-H- TEST OR QUALIFICATION REFERENCE: 83513-32-94 MANUFACTURER DESIGNATION: M83513/18-H ( ) ( ) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/18	Min-E-Con
GOVERNMENT DESIGNATION: M83513/18-H- 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) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/18	TE Connectivity
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	/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

## PART LISTINGS

	SPECIFI- CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
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
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: 83513-1241-05 MANUFACTURER DESIGNATION: MDA1100SBRPT3, MDA2100SRRTT3, 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-G- 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) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/20	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/20-G- TEST OR QUALIFICATION REFERENCE: 83513-054-95 MANUFACTURER DESIGNATION: 100R ( ) 51SBR ( ) ( ) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/20	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/20-G- TEST OR QUALIFICATION REFERENCE: 83513-006-95 MANUFACTURER DESIGNATION: 289- (61 thru 66) - (90) - (0, 1, 2) (02) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/20	Cinch Connectors, Inc.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/20-G- 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) SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/20	Glenair
GOVERNMENT DESIGNATION: M83513/20-G- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM20-(H03CT)(H03NT)(H03PT) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/20	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/20-G- TEST OR QUALIFICATION REFERENCE: 83513-69-93 MANUFACTURER DESIGNATION: MDM20G51 (01, 02, 03) ( , A174P) (N, P) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/20	ITT Cannon
GOVERNMENT DESIGNATION: M83513/20-G- TEST OR QUALIFICATION REFERENCE: 83513-32-94 MANUFACTURER DESIGNATION: M83513/20-G ( ) ( ) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/20	Min-E-Con
GOVERNMENT DESIGNATION: M83513/20-G- 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) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/20	TE Connectivity
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.
GOVERNMENT DESIGNATION: M83513/21-H- 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) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/21	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/21-H- TEST OR QUALIFICATION REFERENCE: 83513-054-95 MANUFACTURER DESIGNATION: 100R ( ) 100SBR ( ) ( ) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/21	Amphenol Canada Corp.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/21-H- TEST OR QUALIFICATION REFERENCE: 83513-006-95 MANUFACTURER DESIGNATION: 289- (61 thru 66) - (00) - (0, 1, 2) (02) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/21	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/21-H- 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) SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/21	Glenair
GOVERNMENT DESIGNATION: M83513/21-H- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM21-(H03CT)(H03NT)(H03PT) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/21	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/21-H- TEST OR QUALIFICATION REFERENCE: 83513-69-93 MANUFACTURER DESIGNATION: MDM21H100 (01, 02, 03) ( , A174P) (N, P) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/21	ITT Cannon
GOVERNMENT DESIGNATION: M83513/21-H- TEST OR QUALIFICATION REFERENCE: 83513-32-94 MANUFACTURER DESIGNATION: M83513/21-H ( ) ( ) ( ) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/21	Min-E-Con
GOVERNMENT DESIGNATION: M83513/21-H- 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) 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.
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.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
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
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

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
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: 83513-1241-05 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-G- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: MK-31(2,3,5)-051-1(2,3,4)5-(00,22)00-(0B7) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/23	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/23-G- TEST OR QUALIFICATION REFERENCE: 83513-054-95; 83513-2808-10 MANUFACTURER DESIGNATION: 100R ( ) 51PBS ( ) ( ) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/23	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/23-G- TEST OR QUALIFICATION REFERENCE: 83513-284-92 MANUFACTURER DESIGNATION: CIM23 (01,02,03) (C,N) (N,P) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/23	Cristek Intereconnects, Inc.
GOVERNMENT DESIGNATION: M83513/23-G- 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) SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/23	Glenair
GOVERNMENT DESIGNATION: M83513/23-G- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM23-(H03CP)(H03NP)(H03PP) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/23	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/23-G- TEST OR QUALIFICATION REFERENCE: 83513-69-93 MANUFACTURER DESIGNATION: MDM23G51 (01, 02, 03) ( ,A174P) (N, P) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/23	ITT Cannon

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/23-G- TEST OR QUALIFICATION REFERENCE: 83513-32-94 MANUFACTURER DESIGNATION: M83513/23-G ( ) ( ) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/23	Min-E-Con
GOVERNMENT DESIGNATION: M83513/23-G- 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) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/23	TE Connectivity
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.
GOVERNMENT DESIGNATION: M83513/24-H- TEST OR QUALIFICATION REFERENCE: 83513-286-86 MANUFACTURER DESIGNATION: MK-41(2,3,5)-100-1(2,3,4)5-(00,62)00(-0B7) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/24	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/24-H- TEST OR QUALIFICATION REFERENCE: 83513-054-95; 83513-2808-10 MANUFACTURER DESIGNATION: 100R( ) 100PBS( ) ( ) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/24	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/24-H- TEST OR QUALIFICATION REFERENCE: 83513-006-95 MANUFACTURER DESIGNATION: 288-(61 thru66)-(00)-(0,1,2)(01) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/24	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/24-H- TEST OR QUALIFICATION REFERENCE: 83513-284-92 MANUFACTURER DESIGNATION: CIM24 (01,02,03)(C,N)(N,P) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/24	Cristek Intereconnects, Inc.
GOVERNMENT DESIGNATION: M83513/24-H- 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) SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/24	Glenair

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/24-H- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM24-(H03CP)(H03NP)(H03PP) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/24	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/24-H- TEST OR QUALIFICATION REFERENCE: 83513-69-93 MANUFACTURER DESIGNATION: MDM24H100(01,02,03)(,A174P)(N,P) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/24	ITT Cannon
GOVERNMENT DESIGNATION: M83513/24-H- TEST OR QUALIFICATION REFERENCE: 83513-32-94 MANUFACTURER DESIGNATION: M83513/24-H( ) ( ) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/24	Min-E-Con
GOVERNMENT DESIGNATION: M83513/24-H- 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) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/24	TE Connectivity
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.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
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.
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: 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.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/26-G- 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) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/26	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/26-G- TEST OR QUALIFICATION REFERENCE: 83513-054-95 MANUFACTURER DESIGNATION: 100R ( ) 51SBS( ) ( ) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/26	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/26-G- TEST OR QUALIFICATION REFERENCE: 83513-006-95 MANUFACTURER DESIGNATION: 289-(61 thru 66)-(90)-(0,1,2)(01) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/26	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/26-G- TEST OR QUALIFICATION REFERENCE: 83513-284-92 MANUFACTURER DESIGNATION: CIM26 (01,02,03)(C,N)(N,P) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/26	Cristek Intereconnects, Inc.
GOVERNMENT DESIGNATION: M83513/26-G- 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) SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/26	Glenair
GOVERNMENT DESIGNATION: M83513/26-G- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM26-(H03CT)(H03NT)(H03PT) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/26	HiRel Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/26-G- TEST OR QUALIFICATION REFERENCE: 83513-69-93 MANUFACTURER DESIGNATION: MDM26G51(01,02,03)( ,A174P)(N,P) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/26	ITT Cannon
GOVERNMENT DESIGNATION: M83513/26-G- TEST OR QUALIFICATION REFERENCE: 83513-32-94 MANUFACTURER DESIGNATION: M83513/26-G( ) ( ) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/26	Min-E-Con

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/26-G- 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) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/26	TE Connectivity
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-H- 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) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/27	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/27-H- TEST OR QUALIFICATION REFERENCE: 83513-054-95 MANUFACTURER DESIGNATION: 100R ( ) 100SBS ( ) ( ) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/27	Amphenol Canada Corp.
GOVERNMENT DESIGNATION: M83513/27-H- TEST OR QUALIFICATION REFERENCE: 83513-006-95 MANUFACTURER DESIGNATION: 289-(61 thru 66)-(00)-(0,1,2)(01) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/27	Cinch Connectors, Inc.
GOVERNMENT DESIGNATION: M83513/27-H- TEST OR QUALIFICATION REFERENCE: 83513-284-92 MANUFACTURER DESIGNATION: CIM27 (01, 02, 03) (C, N) (N, P) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/27	Cristek Intereconnects, Inc.
GOVERNMENT DESIGNATION: M83513/27-H- 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) SHELL FINISH: A, C, K, N, P, T TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/27	Glenair
GOVERNMENT DESIGNATION: M83513/27-H- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM27-(H03CT)(H03NT)(H03PT) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/27	HiRel Connectors, Inc.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/27-H- TEST OR QUALIFICATION REFERENCE: 83513-69-93 MANUFACTURER DESIGNATION: MDM27H100 (01, 02, 03) ( ,A174P) (N, P) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/27	ITT Cannon
GOVERNMENT DESIGNATION: M83513/27-H- TEST OR QUALIFICATION REFERENCE: 83513-32-94 MANUFACTURER DESIGNATION: M83513/27-H ( ) ( ) SHELL FINISH: C, N TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P	/27	Min-E-Con
GOVERNMENT DESIGNATION: M83513/27-H- 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) 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: 83513-819-04 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: 83513-1813-07 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.
GOVERNMENT DESIGNATION: M83513/29-G- TEST OR QUALIFICATION REFERENCE: 83513-962-04 MANUFACTURER DESIGNATION: MK-33(2,3,5)-051-1(2,3,4)5-(00,22)00-(0B7) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/29	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/29-G- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM29-(H03CP)(H03NP)(H03PP) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/29	HiRel Connectors, 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.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
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: 83513-1813-07 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: M83513/30-H- TEST OR QUALIFICATION REFERENCE: 83513-962-04 MANUFACTURER DESIGNATION: MK-43(2,3,5)-100-1(2,3,4)5-(00,62)00-(0B7) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/30	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/30-H- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM30-(H03CP)(H03NP)(H03PP) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/30	HiRel Connectors, 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.
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.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
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: 83513-819-04 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.
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: 83513-1813-07 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: M83513/32-G- 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) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/32	Airborn, Inc.

## PART LISTINGS

	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
GOVERNMENT DESIGNATION: M83513/32-G- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM32-(H03CT)(H03NT)(H03PT) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, T, W	/32	HiRel Connectors, 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.
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.
GOVERNMENT DESIGNATION: M83513/33-H- 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) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/33	Airborn, Inc.
GOVERNMENT DESIGNATION: M83513/33-H- TEST OR QUALIFICATION REFERENCE: 83513-841-04 MANUFACTURER DESIGNATION: HMM33-(H03CT)(H03NT)(H03PT) SHELL FINISH: C, N, P TERMINATION LENGTH: 01, 02, 03 HARDWARE: N, P, U, Y	/33	HiRel Connectors, 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: 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: Deutsch ECD (CAGE Code: 11139)**

Location: Engineered Connecting Devices, 250 Eddie Jones Way, Oceanside, CA 92058, US

## Assembly Plants:

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

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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

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. PEI Genesis Electronics, 4747 West Cleveland Road, South Bend, IN 46628, US
2. 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: TE Connectivity (CAGE Code: 98278)**

Location: 2901 Fulling Mill Road, Middletown, PA 17057, US

Plants:

1. TE Connectivity-Microdot, Ave. Obrero Mundial No. 9, Parque Industrial Dynatech C.P. 83200, C.P. 83200, Hermosillo, Sonora, 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