

**Specification Details:**

Specification: MIL-DTL-83413  
 Title: Connectors and Assemblies, Electrical, Aircraft Grounding  
 Federal Supply Class (FSC): 5935  
 Conventional: Yes  
 Specification contains quality assurance program: No  
 MIL-STD-790 Established Reliability & High Reliability: No  
 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:**

DSCC Office of Primary Involvement: Passive Devices Team, DSCC-VQP  
 Primary DSCC-VQ Contact: 614-692-7108, e-mail: vqp.kl@dla.mil  
 Secondary DSCC-VQ Contact: 614-692-7076, e-mail: vqp.jbc@dla.mil

**Notes:**

N/A

**Part Configuration:**

**M83413/8-E00BX**

M Prefix	General Specification Number	Specification Sheet Number	Jumper Assembly Type	Cable Length	Lug Size
M	83413	/8	-E	00	BX

**Part Listings:**

GOVERNMENT DESIGNATION		MANUFACTURER'S DESIGNATION		TEST OR QUALIFICATION REFERENCE	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)		
M83413/4 -1	000 thru 000	RBE83413/4 -1	000 thru 000	NAC B33.01/5-30-95	R & B Electronics, Inc.		
M83413/8 -A -G	002 thru 999	AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, BB, BC, BD, BE, BF, BG, BH, BI, BJ, CC, CD, CE, CF, CG, CH, CI, CJ, DD, DE, DF, DG, DH, DI, DJ, EE, EF, EG, EH, EI, EJ, FF, FG, FH, FI, FJ, GG, GH, GI, GJ, HH, HI, HJ, II, IJ, JJ	AFT83413/8 -A -G	002 thru 999	AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, BB, BC, BD, BE, BF, BG, BH, BI, BJ, CC, CD, CE, CF, CG, CH, CI, CJ, DD, DE, DF, DG, DH, DI, DJ, EE, EF, EG, EH, EI, EJ, FF, FG, FH, FI, FJ, GG, GH, GI, GJ, HH, HI, HJ, II, IJ, JJ	NAC 33.06/12-12-94	A.F. Technologies, Inc.
M83413/8 -B -H	002 thru 999	KK, KL, KM, KN, LL, LM, LN, MM, MN, NN	AFT83413/8 -B -H	002 thru 999	KK, KL, KM, KN, LL, LM, LN, MM, MN, NN	NAC 33.06/12-12-94	A.F. Technologies, Inc.

GOVERNMENT DESIGNATION		MANUFACTURER'S DESIGNATION		TEST OR QUALIFICATION REFERENCE	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)	
M83413/8 -A	002 thru 999	AA, AB, AC, AD, AE, AF, AG, BB, BC, BD, BE, BF, BG, CC, CD, CE, CF, CG, DD, DE, DF, DG, EE, EF, EG, FF, FG, GG	CSC83418/8 -A	002 thru 999	AA, AB, AC, AD, AE, AF, AG, BB, BC, BD, BE, BF, BG, CC, CD, CE, CF, CG, DD, DE, DF, DG, EE, EF, EG, FF, FG, GG	03336203.AA/9-6-00 Circuit Systems Co., Inc.
M83413/8 -B	002 thru 999	DD, DE, EE	CSC83418/8 -B	002 thru 999	DD, DE, EE	03336203.AA/9-6-00 Circuit Systems Co., Inc.
M83413/8 -C	004 thru 999	AA, AB, AC, AD, AE, BB, BC, BD, BE, CC, CD, CE, DD, DE, EE	CSC83413/8 -C	004 thru 999	AA, AB, AC, AD, AE, BB, BC, BD, BE, CC, CD, CE, DD, DE, EE	03336203.AA/9-6-00 Circuit Systems Co., Inc.
M83413/8 -D	002 thru 999	AA, AB, AC, AD, AE, AF, AG, BB, BC, BD, BE, BF, BG, CC, CD, CE, CF, CG, DD, DE, DF, DG, EE, EF, EG, FF, FG, GG	CSC83418/8 -D	002 thru 999	AA, AB, AC, AD, AE, AF, AG, BB, BC, BD, BE, BF, BG, CC, CD, CE, CF, CG, DD, DE, DF, DG, EE, EF, EG, FF, FG, GG	03336203.AA/9-6-00 Circuit Systems Co., Inc.
M83413/8 -E	002 thru 999	AA, AB, AC, AD, AE, AF, AG, BB, BC, BD, BE, BF, BG, BX, CC, CD, CE, CF, CG, DD, DE, DF, DG, EE, EF, EG, FF, FG, GG	CSC83418/8 -E	002 thru 999	AA, AB, AC, AD, AE, AF, AG, BB, BC, BD, BE, BF, BG, BX, CC, CD, CE, CF, CG, DD, DE, DF, DG, EE, EF, EG, FF, FG, GG	03336203.AA/9-6-00 Circuit Systems Co., Inc.
M83413/8 -F	002 thru 999	AA, AB, AC, AD, AE, AF, AG, BB, BC, BD, BE, BF, BG, BX, CC, CD, CE, CF, CG, DD, DE, DF, DG, EE, EF, EG, FF, FG, GG	CSC83418/8 -F	002 thru 999	AA, AB, AC, AD, AE, AF, AG, BB, BC, BD, BE, BF, BG, BX, CC, CD, CE, CF, CG, DD, DE, DF, DG, EE, EF, EG, FF, FG, GG	03336203.AA/9-6-00 Circuit Systems Co., Inc.

GOVERNMENT DESIGNATION		MANUFACTURER'S DESIGNATION		TEST OR QUALIFICATION REFERENCE	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)	
M83413/8 -G	002 thru 999	AA, AB, AC, AD, AE, AF, AG, BB, BC, BD, BE, BF, BG, CC, CD, CE, CF, CG, DD, DE, DF, DG, EE, EF, EG, FF, FG, GG	CSC83418/8 -G	002 thru 999	AA, AB, AC, AD, AE, AF, AG, BB, BC, BD, BE, BF, BG, CC, CD, CE, CF, CG, DD, DE, DF, DG, EE, EF, EG, FF, FG, GG	03336203.AA/9-6-00 Circuit Systems Co., Inc.
M83413/8 -H	002 thru 999	DD, DE, EE	CSC83418/8 -H	002 thru 999	DD, DE, EE	03336203.AA/9-6-00 Circuit Systems Co., Inc.
M83413/8 -A -G	002 thru 999	AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, BB, BC, BD, BE, BF, BG, BH, BI, BJ, CC, CD, CE, CF, CG, CH, CI, CJ, DD, DE, DF, DG, DH, DI, DJ, EE, EF, EG, EH, EI, EJ, FF, FG, FH, FI, FJ, GG, GH, GI, GJ, HH, HI, HJ, II, IJ, JJ	RBE83413/8 -A -G	002 thru 999	AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, BB, BC, BD, BE, BF, BG, BH, BI, BJ, CC, CD, CE, CF, CG, CH, CI, CJ, DD, DE, DF, DG, DH, DI, DJ, EE, EF, EG, EH, EI, EJ, FF, FG, FH, FI, FJ, GG, GH, GI, GJ, HH, HI, HJ, II, IJ, JJ	03319903.AA/1-31-97 R & B Electronics, Inc.
M83413/8 -B -H	002 thru 999	KK, KL, KM, KN, LL, LM, LN, MM, MN, NN	RBE83413/8 -B -H	002 thru 999	KK, KL, KM, KN, LL, LM, LN, MM, MN, NN	03319903.AA/1-31-97 R & B Electronics, Inc.
M83413/8 -C	002 thru 999	OO, OP, OQ, OR, OS, PP, PQ, PR, PS, QQ, QR, QS, RR, RS, SS	RBE83413/8 -C	002 thru 999	OO, OP, OQ, OR, OS, PP, PQ, PR, PS, QQ, QR, QS, RR, RS, SS	03319903.AA/1-31-97 R & B Electronics, Inc.
M83413/8 -D -E -F	002 thru 999	AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, BB, BC, BD, BE, BF, BG, BH, BI, BJ, CC, CD, CE, CF, CG, CH, CI, CJ, DD, DE, DF, DG, DH, DI, DJ, EE	RBE83413/8 -D -E -F	002 thru 999	AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, BB, BC, BD, BE, BF, BG, BH, BI, BJ, CC, CD, CE, CF, CG, CH, CI, CJ, DD, DE, DF, DG, DH, DI, DJ, EE	03319903.AA/1-31-97 R & B Electronics, Inc.

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**Manufacturer and Supplier Location Information**

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**Manufacturer: A.F. Technologies, Inc. (CAGE Code: 0XPA4)**

Location: 2910 Avenue F, Arlington, TX 76011, US

Plant Location: Same Address as Manufacturer

**Manufacturer: Circuit Systems Co., Inc. (CAGE Code: 1FF12)**

Location: P.O. Box 171322, 2621 Colorado Circle, Arlington, TX 76015-2422, US

Plant Location: Same Address as Manufacturer

**Manufacturer: R & B Electronics, Inc. (CAGE Code: 1GK47)**

Location: 2374 N. W. Dallas St., Grand Prairie, TX 75050-4903, US

Plant Location: Same Address as Manufacturer