

**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-E000BX**

| M Prefix | General Specification Number | Specification Sheet Number | Jumper Assembly Type | Cable Length | Lug Size |
|----------|------------------------------|----------------------------|----------------------|--------------|----------|
| M        | 83413                        | /8                         | -E                   | 000          | BX       |

**Part Listings:**

| GOVERNMENT DESIGNATION        | MANUFACTURER'S DESIGNATION |   |                                 | TEST OR QUALIFICATION REFERENCE | SUPPLIER'S NAME (ADDRESS ON LAST PAGE)  |                         |                           |
|-------------------------------|----------------------------|---|---------------------------------|---------------------------------|---|-------------------------|---------------------------|
| M83413/4 -1                   | 000                        |   | RBE83413/4 -1                   | 000                             | NAC B33.01/5-30-95  | R & B Electronics, Inc. |                           |
| M83413/8 -A<br>-B<br>-G<br>-H | 002<br>thru<br>999         | AA, AB, AC,<br>AD, AE, BB,<br>BC, BD, BE,<br>CC, CD, CE,<br>DD, DE, EE  | AFT83413/8 -A<br>-B<br>-G<br>-H | 002<br>thru<br>999              | AA, AB, AC,<br>AD, AE, BB,<br>BC, BD, BE,<br>CC, CD, CE,<br>DD, DE, EE  | NAC 33.06/12-12-94      | A.F. Technologies         |
| M83413/8 -F                   | 002<br>thru<br>999         | AA, AB, AC,<br>AD, AE, AF,<br>AG, BB, BC,<br>BD, BE, BF,<br>BG, CC, CD,<br>CE, CF, CG,<br>DD, DE, DF,<br>DG, EE, EF,<br>EG, FF, FG,<br>GG | CSC83418/8 -F                   | 002<br>thru<br>999              | AA, AB, AC,<br>AD, AE, AF,<br>AG, BB, BC,<br>BD, BE, BF,<br>BG, CC, CD,<br>CE, CF, CG,<br>DD, DE, DF,<br>DG, EE, EF,<br>EG, FF, FG,<br>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 -E            | 002<br>thru<br>999 | AA, AB, AC,<br>AD, AE, AF,<br>AG, BB, BC,<br>BD, BE, BF,<br>BG, CC, CD,<br>CE, CF, CG,<br>DD, DE, DF,<br>DG, EE, EF,<br>EG, FF, FG,<br>GG | CSC83418/8 -E              | 002<br>thru<br>999 | AA, AB, AC,<br>AD, AE, AF,<br>AG, BB, BC,<br>BD, BE, BF,<br>BG, CC, CD,<br>CE, CF, CG,<br>DD, DE, DF,<br>DG, EE, EF,<br>EG, FF, FG,<br>GG | 03336203.AA/9-6-00              | Circuit Systems Co., Inc.              |
| M83413/8 -D            | 002<br>thru<br>999 | AA, AB, AC,<br>AD, AE, AF,<br>AG, BB, BC,<br>BD, BE, BF,<br>BG, CC, CD,<br>CE, CF, CG,<br>DD, DE, DF,<br>DG, EE, EF,<br>EG, FF, FG,<br>GG | CSC83418/8 -D              | 002<br>thru<br>999 | AA, AB, AC,<br>AD, AE, AF,<br>AG, BB, BC,<br>BD, BE, BF,<br>BG, CC, CD,<br>CE, CF, CG,<br>DD, DE, DF,<br>DG, EE, EF,<br>EG, FF, FG,<br>GG | 03336203.AA/9-6-00              | Circuit Systems Co., Inc.              |
| M83413/8 -B            | 002<br>thru<br>999 | DD, DE, EE  | CSC83418/8 -B              | 002<br>thru<br>999 | DD, DE, EE  | 03336203.AA/9-6-00              | Circuit Systems Co., Inc.              |
| M83413/8 -A            | 002<br>thru<br>999 | AA, AB, AC,<br>AD, AE, AF,<br>AG, BB, BC,<br>BD, BE, BF,<br>BG, CC, CD,<br>CE, CF, CG,<br>DD, DE, DF,<br>DG, EE, EF,<br>EG, FF, FG,<br>GG | CSC83418/8 -A              | 002<br>thru<br>999 | AA, AB, AC,<br>AD, AE, AF,<br>AG, BB, BC,<br>BD, BE, BF,<br>BG, CC, CD,<br>CE, CF, CG,<br>DD, DE, DF,<br>DG, EE, EF,<br>EG, FF, FG,<br>GG | 03336203.AA/9-6-00              | Circuit Systems Co., Inc.              |
| M83413/8 -H            | 002<br>thru<br>999 | DD, DE, EE  | CSC83418/8 -H              | 002<br>thru<br>999 | DD, DE, EE  | 03336203.AA/9-6-00              | Circuit Systems Co., Inc.              |

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|-------------------------------|--------------------|---|--------------------------------|--------------------|---|---------------------------------|--|
| M83413/8 -G                   | 002<br>thru<br>999 | AA, AB, AC,<br>AD, AE, AF,<br>AG, BB, BC,<br>BD, BE, BF,<br>BG, CC, CD,<br>CE, CF, CG,<br>DD, DE, DF,<br>DG, EE, EF,<br>EG, FF, FG,<br>GG | CSC83418/8 -G                  | 002<br>thru<br>999 | AA, AB, AC,<br>AD, AE, AF,<br>AG, BB, BC,<br>BD, BE, BF,<br>BG, CC, CD,<br>CE, CF, CG,<br>DD, DE, DF,<br>DG, EE, EF,<br>EG, FF, FG,<br>GG | 03336203.AA/9-6-00              | Circuit Systems Co., Inc.              |
| M83413/8 -C                   | 004<br>thru<br>999 | AA, AB, AC,<br>AD, AE, BB,<br>BC, BD, BE,<br>CC, CD, CE,<br>DD, DE, EE  | CSC83413/8 -C                  | 004<br>thru<br>999 | AA, AB, AC,<br>AD, AE, BB,<br>BC, BD, BE,<br>CC, CD, CE,<br>DD, DE, EE  | 03336203.AA/9-6-00              | Circuit Systems Co., Inc.              |
| M83413/8 -F                   | 002<br>thru<br>999 | AX, BX  | RBE83413/8 -F                  | 002<br>thru<br>999 | AX, BX  | 03319903.AA/1-31-97             | R & B Electronics, Inc.                |
| M83413/8 -E                   | 000                | AX, BX  | RBE83413/8 -E                  | 000                | AX, BX  | 03319903.AA/1-31-97             | R & B Electronics, Inc.                |
| M83413/8 -D                   | 003<br>thru<br>999 | AA, AB, BB  | RBE83413/8 -D                  | 003<br>thru<br>999 | AA, AB, BB  | 03319903.AA/1-31-97             | R & B Electronics, Inc.                |
| M83413/8 -C                   | 004<br>thru<br>999 | AA, AB, AC,<br>AD, AE, BB,<br>BC, BD, BE,<br>CC, CD, CE,<br>DD, DE, EE  | RB83413/8 -C                   | 004<br>thru<br>999 | AA, AB, AC,<br>AD, AE, BB,<br>BC, BD, BE,<br>CC, CD, CE,<br>DD, DE, EE  | 03319903.AA/1-31-97             | R & B Electronics, Inc.                |
| M83413/8 -A<br>-B<br>-G<br>-H | 002<br>thru<br>999 | AA, AB, AC,<br>AD, AE, BB,<br>BC, BD, BE,<br>CC, CD, CE,<br>DD, DE, EE  | RB83413/8 -A<br>-B<br>-G<br>-H | 002<br>thru<br>999 | AA, AB, AC,<br>AD, AE, BB,<br>BC, BD, BE,<br>CC, CD, CE,<br>DD, DE, 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 (CAGE Code: 0XPA4)**

Location: 1525 Greenview, Grand Prairie, TX 75050-2409, US

Plant Location: Same Address as Manufacturer

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

Location: 2628 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