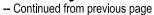
Military Cross Reference Chart





| M83513 / 04 (conti | inued) |
|--------------------|--------|
|--------------------|--------|

| M83513 / 04-H09C | MM-423-100-261-00Y1-900 |
|------------------|-------------------------|
| M83513 / 04-H09N | MM-422-100-261-00Y1-900 |
| M83513 / 04-H09P | MM-425-100-261-00Y1-900 |
| M83513 / 04-H10C | MM-423-100-261-00Y2-900 |
| M83513 / 04-H10N | MM-422-100-261-00Y2-900 |
| M83513 / 04-H10P | MM-425-100-261-00Y2-900 |
| M83513 / 04-H11C | MM-423-100-261-00Y3-900 |
| M83513 / 04-H11N | MM-422-100-261-00Y3-900 |
| | |

| M83513 / 04-H11P M83513 / 04-H12C M83513 / 04-H12N M83513 / 04-H12P M83513 / 04-H13C M83513 / 04-H13N |
|--|
| |

| MM-425-100-261-00\ | /3-900 |
|--------------------|----------------|
| MM-423-100-261-00\ | /4-900 |
| MM-422-100-261-00\ | /4-900 |
| MM-425-100-261-00\ | /4- 900 |
| MM-423-100-261-00\ | /5-900 |
| MM-422-100-261-00\ | /5-900 |
| MM-425-100-261-00\ | /5-900 |
| MM-423-100-261-00\ | /6-900 |
| | |

| M83513 / 04-H14N |
|------------------|
| M83513 / 04-H14P |
| M83513 / 04-H15C |
| M83513 / 04-H15N |
| M83513 / 04-H15P |
| M83513 / 04-H16C |
| M83513 / 04-H16N |
| M83513 / 04-H16P |
| |

| MM-422-100-261-00Y6-900 |
|-------------------------|
| MM-425-100-261-00Y6-900 |
| MM-423-100-261-00Y7-900 |
| MM-422-100-261-00Y7-900 |
| MM-425-100-261-00Y7-900 |
| MM-423-100-261-00Y8-900 |
| MM-422-100-261-00Y8-900 |
| MM-425-100-261-00Y8-900 |

| 00-000-000-000-4100 |
|---------------------|
| 00-000-000-000-4200 |
| 00-000-000-000-4300 |
| 00-000-000-000-4400 |
| 00-000-000-000-2200 |
| 00-000-000-000-8100 |
| 00-000-000-000-8200 |
| 00-000-000-000-8300 |
| 00-000-000-000-8400 |
| 00-000-000-000-6200 |
| |

MP-211-009-161-00W1 MP-211-009-161-00W2 MP-211-009-161-00V1 MP-211-009-161-00V2

| M03513/00 |
|---------------|
| M83513 / 06-A |
| M83513 / 06-B |
| M83513 / 06-C |
| M83513 / 06-D |
| M83513 / 06-E |
| M83513 / 06-F |
| M83513 / 06-G |
| |

| MP-211-009-113-0000 MP-211-015-113-0000 |
|--|
| MP-211-021-113-0000 |
| MP-211-025-113-0000 |
| MP-211-031-113-0000 |
| MP-211-037-113-0000 MP-311-051-113-0000 |
| |

| 1409 <i>E49 </i> N7 | |
|------------------------|---------------------|
| M83513 / 07 | |
| M83513 / 07-A | MP-221-009-213-0000 |
| M83513 / 07 - B | MP-221-015-213-0000 |
| M83513 / 07-C | MP-221-021-213-0000 |
| M83513 / 07-D | MP-221-025-213-0000 |
| M83513 / 07 - E | MP-221-031-213-0000 |
| M83513 / 07 - F | MP-221-037-213-0000 |
| M83513 / 07-G | MP-321-051-213-0000 |
| | |

| M83513 / 08 | |
|-----------------|--|
| M83513 / 08-A01 | |
| M83513 / 08-A02 | |
| M83513 / 08-A03 | |
| M83513 / 08-A04 | |
| M83513 / 08-A05 | |
| M83513 / 08-A06 | |

| M83513 / 08 - A05 | MP-211-009-143-0000 |
|--|--|
| M83513 / 08-A06 | MP-211-009-153-0000 |
| M83513 / 08-A07 | MP-211-009-145-0000 |
| M83513 / 08-A08 | MP-211-009-155-0000 |
| M83513 / 08-A09 | MP-211-009-161-00Y1 |
| M83513 / 08-A10 | MP-211-009-161-00Y2 |
| M83513 / 08-A11 | MP-211-009-161-00Y3 |
| M83513 / 08-A12 | MP-211-009-161-00Y4 |
| M83513 / 08-A13 | MP-211-009-161-00Y5 |
| M83513 / 08-A14 | MP-211-009-161-00Y6 |
| M83513 / 08-A15 | MP-211-009-161-00Y7 |
| M83513 / 08-A16 | MP-211-009-161-00Y8 |
| | |
| | |
| M83513 / 08-B01 | MP-211-015-161-00W1 |
| M83513 / 08-B01 M83513 / 08-B02 | MP-211-015-161-00W1 MP-211-015-161-00W2 |
| | = |
| M83513 / 08-B02 | MP-211-015-161-00W2 |
| M83513 / 08-B02 M83513 / 08-B03 | MP-211-015-161-00W2 MP-211-015-161-00V1 |
| M83513 / 08-B02 M83513 / 08-B03 M83513 / 08-B04 | MP-211-015-161-00W2 MP-211-015-161-00V1 MP-211-015-161-00V2 |
| M83513 / 08-B02 M83513 / 08-B03 M83513 / 08-B04 M83513 / 08-B05 | MP-211-015-161-00W2 MP-211-015-161-00V1 MP-211-015-161-00V2 MP-211-015-143-0000 |
| M83513 / 08-B02 M83513 / 08-B03 M83513 / 08-B04 M83513 / 08-B05 M83513 / 08-B06 | MP-211-015-161-00W2 MP-211-015-161-00V1 MP-211-015-161-00V2 MP-211-015-143-0000 MP-211-015-153-0000 |
| M83513 / 08-B02 M83513 / 08-B03 M83513 / 08-B04 M83513 / 08-B05 M83513 / 08-B06 M83513 / 08-B07 | MP-211-015-161-00W2 MP-211-015-161-00V1 MP-211-015-161-00V2 MP-211-015-143-0000 MP-211-015-153-0000 MP-211-015-145-0000 |
| M83513 / 08-B02 M83513 / 08-B03 M83513 / 08-B04 M83513 / 08-B05 M83513 / 08-B06 M83513 / 08-B07 M83513 / 08-B08 | MP-211-015-161-00W2 MP-211-015-161-00V1 MP-211-015-161-00V2 MP-211-015-143-0000 MP-211-015-153-0000 MP-211-015-145-0000 MP-211-015-155-0000 |
| M83513 / 08-B02 M83513 / 08-B03 M83513 / 08-B04 M83513 / 08-B05 M83513 / 08-B06 M83513 / 08-B07 M83513 / 08-B08 M83513 / 08-B08 | MP-211-015-161-00W2 MP-211-015-161-00V1 MP-211-015-161-00V2 MP-211-015-143-0000 MP-211-015-153-0000 MP-211-015-145-0000 MP-211-015-155-0000 MP-211-015-161-00V1 |

MP-211-015-161-00Y4 MP-211-015-161-00Y5

MP-211-015-161-00Y6

MP-211-015-161-00Y7

MP-211-015-161-00Y8

| MP-211-021-161-00W1 |
|--|
| MP-211-021-161-00W2 MP-211-021-161-00V1 |
| MP-211-021-161-00V1 |
| 211 021 101 0012 |
| MP-211-021-143-0000 |
| MP-211-021-153-0000 |
| MP-211-021-145-0000 |
| MP-211-021-155-0000 |
| MP-211-021-161-00Y1 |
| MP-211-021-161-00Y2 |
| MP-211-021-161-00Y3 |
| MP-211-021-161-00Y4 |
| MP-211-021-161-00Y5 |
| MP-211-021-161-00Y6 |
| MP-211-021-161-00Y7 |
| MP-211-021-161-00Y8 |
| MP-211-025-161-00W1 |
| MP-211-025-161-00W2 |
| MP-211-025-161-00V1 |
| MP-211-025-161-00V2 |
| MP-211-025-143-0000 |
| MP-211-025-153-0000 |
| MP-211-025-145-0000 |
| MP-211-025-155-0000 |
| MP-211-025-161-00Y1 |
| MP-211-025-161-00Y2 |
| MP-211-025-161-00Y3 |
| MP-211-025-161-00Y4 |
| MP-211-025-161-00Y5 |
| MP-211-025-161-00Y6 |
| |

| • | |
|---|---|
| M83513 / 08-E01 M83513 / 08-E02 M83513 / 08-E03 M83513 / 08-E04 M83513 / 08-E05 M83513 / 08-E06 M83513 / 08-E07 M83513 / 08-E08 M83513 / 08-E09 M83513 / 08-E10 M83513 / 08-E11 M83513 / 08-E12 M83513 / 08-E12 M83513 / 08-E13 M83513 / 08-E14 M83513 / 08-E15 M83513 / 08-E15 M83513 / 08-E16 | MP-211-031-161-00W1 MP-211-031-161-00W2 MP-211-031-161-00V2 MP-211-031-143-0000 MP-211-031-153-0000 MP-211-031-155-0000 MP-211-031-155-0000 MP-211-031-161-00Y1 MP-211-031-161-00Y2 MP-211-031-161-00Y2 MP-211-031-161-00Y3 MP-211-031-161-00Y4 MP-211-031-161-00Y5 MP-211-031-161-00Y6 MP-211-031-161-00Y7 MP-211-031-161-00Y7 MP-211-031-161-00Y8 |
| M83513 / 08-F01 M83513 / 08-F02 M83513 / 08-F03 M83513 / 08-F04 M83513 / 08-F05 M83513 / 08-F06 M83513 / 08-F07 M83513 / 08-F08 M83513 / 08-F09 M83513 / 08-F10 M83513 / 08-F11 M83513 / 08-F12 M83513 / 08-F12 M83513 / 08-F14 M83513 / 08-F15 M83513 / 08-F15 M83513 / 08-F16 | MP-211-037-161-00W1 MP-211-037-161-00W2 MP-211-037-161-00V1 MP-211-037-161-00V2 MP-211-037-143-0000 MP-211-037-153-0000 MP-211-037-155-0000 MP-211-037-161-00Y1 MP-211-037-161-00Y2 MP-211-037-161-00Y3 MP-211-037-161-00Y4 MP-211-037-161-00Y5 MP-211-037-161-00Y6 MP-211-037-161-00Y7 MP-211-037-161-00Y8 |

MP-211-025-161-00Y7

MP-211-025-161-00Y8

M83513 / 08-D15

M83513 / 08-D16

M83513 / 08-B12

M83513 / 08-B13 M83513 / 08-B14

M83513 / 08-B15

M83513 / 08-B16



Military Cross Reference Chart -- Continued from previous page

| M83513 / | 08 (| (continued) |
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| M83513 / 08-G01 | MP-311-051-161-00W1 | M83513 / 08-G07 | MP-311-051-145-0000 | M83513 / 08-G13 | MP-311-051-161-00Y5 |
|-----------------|---------------------|-----------------|---------------------|-----------------|---------------------|
| M83513 / 08-G02 | MP-311-051-161-00W2 | M83513 / 08-G08 | MP-311-051-155-0000 | M83513 / 08-G14 | MP-311-051-161-00Y6 |
| M83513 / 08-G03 | MP-311-051-161-00V1 | M83513 / 08-G09 | MP-311-051-161-00Y1 | M83513 / 08-G15 | MP-311-051-161-00Y7 |
| M83513 / 08-G04 | MP-311-051-161-00V2 | M83513 / 08-G10 | MP-311-051-161-00Y2 | M83513 / 08-G16 | MP-311-051-161-00Y8 |
| M83513 / 08-G05 | MP-311-051-143-0000 | M83513 / 08-G11 | MP-311-051-161-00Y3 | | |
| M83513 / 08-G06 | MP-311-051-153-0000 | M83513 / 08-G12 | MP-311-051-161-00Y4 | | |

| M02542 / 00 | | | | | |
|------------------------------------|--|------------------------------------|--|------------------------------------|--|
| M83513 / 09 | MD 004 000 004 00W/4 | M00540 / 00 C07 | MD 224 024 245 0000 | M00540 / 00 540 | MD 224 024 2C4 00V4 |
| M83513 / 09-A01 M83513 / 09-A02 | MP-221-009-261-00W1 MP-221-009-261-00W2 | M83513 / 09-C07 M83513 / 09-C08 | MP-221-021-245-0000 MP-221-021-255-0000 | M83513 / 09-E12 M83513 / 09-E13 | MP-221-031-261-00Y4 MP-221-031-261-00Y5 |
| M83513 / 09-A03 | MP-221-009-261-00V/2 | M83513 / 09-C09 | MP-221-021-255-0000 MP-221-021-261-00Y1 | M83513 / 09-E13 | MP-221-031-261-0016 |
| | | | | | |
| M83513 / 09-A04 | MP-221-009-261-00V2 | M83513 / 09-C10 | MP-221-021-261-00Y2 | M83513 / 09-E15 | MP-221-031-261-00Y7 |
| M83513 / 09-A05 | MP-221-009-243-0000 | M83513 / 09-C11 | MP-221-021-261-00Y3 | M83513 / 09-E16 | MP-221-031-261-00Y8 |
| M83513 / 09-A06 | MP-221-009-253-0000 | M83513 / 09-C12 | MP-221-021-261-00Y4 | 1400540 / 00 504 | NAD 004 007 004 00144 |
| M83513 / 09-A07 | MP-221-009-245-0000 | M83513 / 09-C13 | MP-221-021-261-00Y5 | M83513 / 09-F01 | MP-221-037-261-00W1 |
| M83513 / 09-A08 | MP-221-009-255-0000 | M83513 / 09-C14 | MP-221-021-261-00Y6 | M83513 / 09-F02 | MP-221-037-261-00W2 |
| M83513 / 09-A09 | MP-221-009-261-00Y1 | M83513 / 09-C15 | MP-221-021-261-00Y7 | M83513 / 09-F03 | MP-221-037-261-00V1 |
| M83513 / 09-A10 | MP-221-009-261-00Y2 | M83513 / 09-C16 | MP-221-021-261-00Y8 | M83513 / 09-F04 | MP-221-037-261-00V2 |
| M83513 / 09-A11 | MP-221-009-261-00Y3 | | | M83513 / 09-F05 | MP-221-037-243-0000 |
| M83513 / 09-A12 | MP-221-009-261-00Y4 | M83513 / 09-D01 | MP-221-025-261-00W1 | M83513 / 09-F06 | MP-221-037-253-0000 |
| M83513 / 09-A13 | MP-221-009-261-00Y5 | M83513 / 09-D02 | MP-221-025-261-00W2 | M83513 / 09-F07 | MP-221-037-245-0000 |
| M83513 / 09-A14 | MP-221-009-261-00Y6 | M83513 / 09-D03 | MP-221-025-261-00V1 | M83513 / 09-F08 | MP-221-037-255-0000 |
| M83513 / 09-A15 | MP-221-009-261-00Y7 | M83513 / 09-D04 | MP-221-025-261-00V2 | M83513 / 09-F09 | MP-221-037-261-00Y1 |
| M83513 / 09-A16 | MP-221-009-261-00Y8 | M83513 / 09-D05 | MP-221-025-243-0000 | M83513 / 09-F10 | MP-221-037-261-00Y2 |
| | | M83513 / 09-D06 | MP-221-025-253-0000 | M83513 / 09-F11 | MP-221-037-261-00Y3 |
| M83513 / 09-B01 | MP-221-015-261-00W1 | M83513 / 09-D07 | MP-221-025-245-0000 | M83513 / 09-F12 | MP-221-037-261-00Y4 |
| M83513 / 09-B02 | MP-221-015-261-00W2 | M83513 / 09-D08 | MP-221-025-255-0000 | M83513 / 09-F13 | MP-221-037-261-00Y5 |
| M83513 / 09-B03 | MP-221-015-261-00V1 | M83513 / 09-D09 | MP-221-025-261-00Y1 | M83513 / 09-F14 | MP-221-037-261-00Y6 |
| M83513 / 09-B04 | MP-221-015-261-00V2 | M83513 / 09-D10 | MP-221-025-261-00Y2 | M83513 / 09-F15 | MP-221-037-261-00Y7 |
| M83513 / 09-B05 | MP-221-015-243-0000 | M83513 / 09-D11 | MP-221-025-261-00Y3 | M83513 / 09-F16 | MP-221-037-261-00Y8 |
| M83513 / 09-B06 | MP-221-015-253-0000 | M83513 / 09-D12 | MP-221-025-261-00Y4 | | |
| M83513 / 09-B07 | MP-221-015-245-0000 | M83513 / 09-D13 | MP-221-025-261-00Y5 | M83513 / 09-G01 | MP-321-051-261-00W1 |
| M83513 / 09-B08 | MP-221-015-255-0000 | M83513 / 09-D14 | MP-221-025-261-00Y6 | M83513 / 09-G02 | MP-321-051-261-00W2 |
| M83513 / 09-B09 | MP-221-015-261-00Y1 | M83513 / 09-D15 | MP-221-025-261-00Y7 | M83513 / 09-G03 | MP-321-051-261-00V1 |
| M83513 / 09-B10 | MP-221-015-261-00Y2 | M83513 / 09-D16 | MP-221-025-261-00Y8 | M83513 / 09-G04 | MP-321-051-261-00V2 |
| M83513 / 09-B11 | MP-221-015-261-00Y3 | | | M83513 / 09-G05 | MP-321-051-243-0000 |
| M83513 / 09-B12 | MP-221-015-261-00Y4 | M83513 / 09-E01 | MP-221-031-261-00W1 | M83513 / 09-G06 | MP-321-051-253-0000 |
| M83513 / 09-B13 | MP-221-015-261-00Y5 | M83513 / 09-E02 | MP-221-031-261-00W2 | M83513 / 09-G07 | MP-321-051-245-0000 |
| M83513 / 09-B14 | MP-221-015-261-00Y6 | M83513 / 09-E03 | MP-221-031-261-00V1 | M83513 / 09-G08 | MP-321-051-255-0000 |
| M83513 / 09-B15 | MP-221-015-261-00Y7 | M83513 / 09-E04 | MP-221-031-261-00V2 | M83513 / 09-G09 | MP-321-051-261-00Y1 |
| M83513 / 09-B16 | MP-221-015-261-00Y8 | M83513 / 09-E05 | MP-221-031-243-0000 | M83513 / 09-G10 | MP-321-051-261-00Y2 |
| | | M83513 / 09-E06 | MP-221-031-253-0000 | M83513 / 09-G11 | MP-321-051-261-00Y3 |
| M83513 / 09-C01 | MP-221-021-261-00W1 | M83513 / 09-E07 | MP-221-031-245-0000 | M83513 / 09-G12 | MP-321-051-261-00Y4 |
| M83513 / 09-C02 | MP-221-021-261-00W2 | M83513 / 09-E08 | MP-221-031-255-0000 | M83513 / 09-G13 | MP-321-051-261-00Y5 |
| M83513 / 09-C03 | MP-221-021-261-00V1 | M83513 / 09-E09 | MP-221-031-261-00Y1 | M83513 / 09-G14 | MP-321-051-261-00Y6 |
| M83513 / 09-C04 | MP-221-021-261-00V2 | M83513 / 09-E10 | MP-221-031-261-00Y2 | M83513 / 09-G15 | MP-321-051-261-00Y7 |
| M83513 / 09-C05 | MP-221-021-243-0000 | M83513 / 09-E11 | MP-221-031-261-00Y3 | M83513 / 09-G16 | MP-321-051-261-00Y8 |
| M83513 / 09-C06 | MP-221-021-253-0000 | | | | |
| | | | | | |

M83513 / 10 ——

| M83513 / 10-A01CN | MK-253-009-325-000S | M83513 / 10-A01NT | MK-252-009-325-000S-0B7 | M83513 / 10-A02CN | MK-253-009-335-000S |
|-------------------|-------------------------|-------------------|-------------------------|-------------------|-------------------------|
| M83513 / 10-A01CP | MK-253-009-325-220S | M83513 / 10-A01NW | MK-252-009-325-220S-0B7 | M83513 / 10-A02CP | MK-253-009-335-220S |
| M83513 / 10-A01CT | MK-253-009-325-000S-0B7 | M83513 / 10-A01PN | MK-255-009-325-000S | M83513 / 10-A02CT | MK-253-009-335-000S-0B7 |
| M83513 / 10-A01CW | MK-253-009-325-220S-0B7 | M83513 / 10-A01PP | MK-255-009-325-220S | M83513 / 10-A02CW | MK-253-009-335-220S-0B7 |
| M83513 / 10-A01NN | MK-252-009-325-000S | M83513 / 10-A01PT | MK-255-009-325-000S-0B7 | M83513 / 10-A02NN | MK-252-009-335-000S |
| M83513 / 10-A01NP | MK-252-009-325-220S | M83513 / 10-A01PW | MK-255-009-325-220S-0B7 | M83513 / 10-A02NP | MK-252-009-335-220S |



PLUG: **RECEPTACLE:** MQ-222-031-2G3-4500 PLUG: MP-211-031-161-41WS **RECEPTACLE:** MP-221-031-2G3-4500

| PLU | JG | RE | CEPTACLE | | | | | 30 (X—X) |
|---------------|---|--|--|-------|--------|-------|-------|-------------|
| | SEF | RIES | | 7 | | | | |
| MQ | .050" Low Profile Metal I/O Connector | MQ | .050" Low Profile Metal I/O Connector | _ | | | | |
| MP | .050" Low Profile Plastic I/O Connector | MP | .050" Low Profile Plastic I/O Connector | | | | | |
| (MQ | & MP mate with MP, MQ, MR, MS receptacles) | (MC | & MP mate with MP, MQ, MR, MS plugs) | | | | | |
| | BO | DY | | T | | | | |
| 2 | 2-Row (Sizes 9 thru 37) | 2 | 2-Row (Sizes 9 thru 37) | | | | | |
| 3 | 3-Row (Size 51) | 3 | 3-Row (Size 51) | | | | | |
| 1 | BODY STYLE: Plug, straight, with ears | 2 | BODY STYLE: Receptacle, straight, with ears | | | | | |
| - | BODY MATERIAL: | <u>' </u> | BODY MATERIAL: | | | _ | | |
| 1 | Polyphenylene Sulfide (MN only) | 1 | Polyphenylene Sulfide (MN only) | | | | | |
| 2 | Polyphenylene Sulfide with electroless nickel shell | 2 | Polyphenylene Sulfide with electroless nicke | el sh | ell | | | |
| 3 | Polyphenylene Sulfide with electrodeposited | 3 | Polyphenylene Sulfide with electrodeposited | t | | | | |
| | cadmium shell | ١. | cadmium shell | | | | | |
| 4 | Polyphenylene Sulfide with hard anodized black shell | 4 | Polyphenylene Sulfide with hard anodized black shell | | | | | |
| $\overline{}$ | SIZ | <u>'</u> 7 C | Didok Shell | _ | | | | |
| XXX | (009, 015, 021, 025, 031, 037, 051 | 1 | 009, 015, 021, 025, 031, 037, 051 | _ | | | | |
| | | • | | _ | | | | |
| | TYPE CONTACTS/TERMINATIONS: | ACI | | ┙ | | | | |
| 11 | TYPE CONTACTS/TERMINATIONS: | 24 | TYPE CONTACTS/TERMINATIONS: | | | | | |
| 11 1A | Pin, straight, 26 awg solder cup Pin, straight, 24 awg solder cup | 21 2A | Socket, straight, 26 awg solder cup Socket, straight, 24 awg solder cup | | | | | |
| 1D | Pin, straight, .109" Lead Length (.018 dia) SEE NOTE 1 | 2D | Socket, straight, .109" Lead Length (.018 dia | a) | | | | |
| 1E | Pin, straight, .125" Lead Length (.018 dia) SEE NOTE 1 | 2E | Socket, straight, .125" Lead Length (.018 dia | | | | | |
| 1F | Pin, straight, .140" Lead Length (.018 dia) SEE NOTE 1 | 2F | Socket, straight, .140" Lead Length (.018 dia | | | | | |
| 12 | Pin, straight, .150" Lead Length (.018 dia) SEE NOTE 1 | 22 | Socket, straight, .150" Lead Length (.018 dia | | | | | |
| 1G 1H | Pin, straight, .156" Lead Length (.018 dia) SEE NOTE 1 Pin, straight, .172" Lead Length (.018 dia) SEE NOTE 1 | 2G 2H | Socket, straight, .156" Lead Length (.018 dia Socket, straight, .172" Lead Length (.018 dia | | | | | |
| 1J | Pin, straight, .187" Lead Length (.018 dia) SEE NOTE 1 | 2J | Socket, straight, .172 Lead Length (.018 dia | | | | | |
| 13 | Pin, straight, .250" Lead Length (.018 dia) SEE NOTE 1 | 23 | Socket, straight, .250" Lead Length (.018 dia | | | | | |
| 1K | Pin, straight, .375" Lead Length (.018 dia) SEE NOTE 1 | 2K | Socket, straight, .375" Lead Length (.018 dia | | | | | |
| 14 | Pin, straight, .500" Lead Length (.018 dia) SEE NOTE 1 | 2L | Socket, straight, .500" Lead Length (.018 dia | | | | | |
| 15 | Pin, straight, 1.000" Lead Length (.018 dia) SEE NOTE 1 | 2M | Socket, straight, 1.000" Lead Length (.018 d | | | | | |
| 16 | Pin, straight, crimped wire | 24 25 | Socket, straight, .500" Lead Length (.018 die Socket, straight, 1.000" L | | | | | |
| | | 26 | Socket, straight, rimped wire | iiu) | OLL IV | OIL I | | |
| | PLATING OPTIONS: | 1 | PLATING OPTIONS: | | | | _ | |
| 1 | 50 µ" Au contacts (crimp wire) | 1 | 50 µ" Au contacts (crimp wire) | | | | | |
| 3 | 50 u" Au contacts (solder cup, pigtail) | 3 | 50 u" Au contacts (solder cup, pigtail) | | | | | |
| 5 | 50 μ" Au contacts; Sn/Pb alloy terminations 区 | 5 | 50 ul Au contacts; Sn/Pb alloy terminatio | ns | X | | | |
| 7 | 50 μ" Au contacts; SAC305 terminations | 7 | 50 y" Au contacts; SAC305 terminations | _ | | | | |
| | STYLE OF HARDWARE: | WAR | STYLE OF HARDWARE: | | | | | |
| 00 | None | 00 | None | | | | | |
| 22 | Two fixed jacknut assemblies (62*) | 22 | Two fixed jacknut assemblies (62*) | | | | | |
| 41 | Two turning jackscrews, allen head, | 41 | Two turning jackscrews, allen head, | | | | | |
| | retaining ring (81*) | | retaining ring (81*) | | | | | |
| 42 | Two long turning jackscrews, allen head, | 42 | Two long turning jackscrews, allen head, | | | | | |
| 43 | retaining ring (82*) Two turning jackscrews, slot head, | 43 | retaining ring (82*) Two turning jackscrews, slot head, | | | | | |
| | retaining ring (83*) | l . | retaining ring (83*) | | | | | |
| 44 | Two long turning jackscrews, slot head, | 44 | Two long turning jackscrews, slot head, | | | | | |
| 45 | retaining ring (84*) Two turning jackscrews, allen head, | 45 | retaining ring (84*) Two turning jackscrews, allen head, | | | | | |
| - | captivated** (85*) | - | captivated** (85*) | | | | | |
| 99 | Keying hardware, see options below. (Body material 2, 3 and 4 only) | 99 | Keying hardware, see options below. (Body material 2, 3 and 4 only) | | | | | |
| | POLARIZATION / WIRING | i I | POLARIZATION / WIRING | | | | | |
| 00 | None | 00 | None | | | | | |
| AX. | For wiring codes, see page MA-3 & MA-4 | • | For wiring codes, see page MA-3 & MA-4 | _ | | | | |
| | | IONS | | | | ا ما | | |
| KSX | (X Two turning jackscrews. See page MA-6 for keying options | KS | (X Two turning jackscrews and interfacial sea See page MA-6 for keying options | aling | gas | ket. | | |
| KPX | (X Two fixed jacknuts. See page MA-6 for keying | (KP) | XX Two fixed jacknuts and interfacial sealing | gasl | ket. | | | |
| / \ | options | ''' / | See page MA-6 for keying options | 520 | | | | |
| | | <u> </u> | | | | | | |
| ** | - Cantiva hardware is factory installed and non removal | | NOTE 1 - The leads | | 41 | | | |

^{** =} Captive hardware is factory installed and non-removable.

NOTE 1 = The leads on these contacts are soft copper suitable for forming.



Cable to Cable

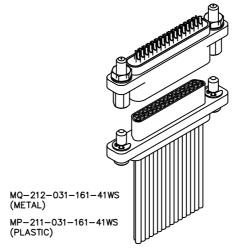
.050" 9 thru 51 Contacts

Low Profile Metal

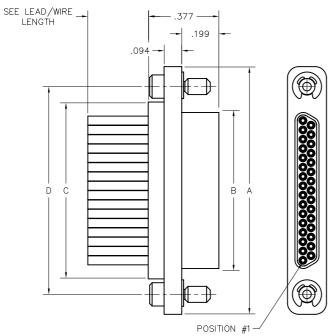
MQ

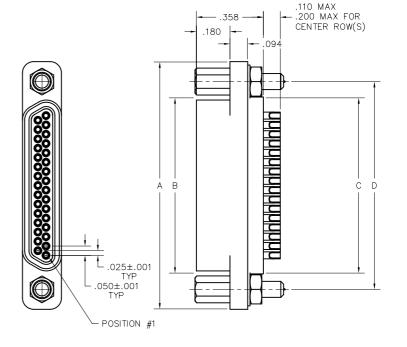
Low Profile Plastic

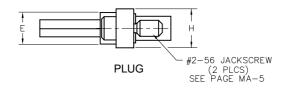
MP

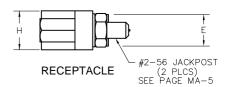


MQ-222-031-2A3-2200 (METAL) MP-221-031-2A3-2200 (PLASTIC)









| | DIMENSIONS | | | | | | | | | | |
|------|------------|-------|-------------|-------------|-------|-------|---------------------|------|----------------------------------|-----------------|--|
| | CONTACT | | В | | | | E | | | | |
| SIZE | ROWS | Α | PLUG MAX | RCPT MAX | С | D | POTTING WELL MAX | Ι | HARDWARE | | |
| 9 | | .778 | .292 | .378 | .398 | .565 | .173 | | | | |
| 15 | | .928 | .442 | .528 | .548 | .715 | | | | | |
| 21 | 2 | 1.078 | .592 | .678 | .698 | .865 | | 177 | 177 | .208 | |
| 25 | | 1.178 | .692 | .778 | .798 | .965 | | .200 | #2-56 UNC THD (.092 DIA THRU) | | |
| 31 | | 1.328 | .842 | .928 | .948 | 1.115 | | 115 | | (.092 DIA THRO) | |
| 37 | | 1.478 | .992 | 1.078 | 1.098 | 1.265 | | | | | |
| 51 | 3 | 1.428 | .942 | 1.028 | 1.048 | 1.215 | .220 | .250 | | | |