

## LEAD CONFIGURATION OPTIONS

**PLUG:** MK- 2A2-031 - 135-2600-EMI  
**RECEPTACLE:** MM- 222-031 - 261-41WQ  
**PLUG:** MK- 2A2-031 - 135-2600-EMI  
**RECEPTACLE:** MN- 221-031 - 261-41WQ  
 XX-XXX-XXX-XXX-XXXX-XXX

### PLUG

### RECEPTACLE

| SERIES                                                                                       |                                                                                                                          |
|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| MK .050" Rugged Metal PC Board Mount Connector<br>(MK mates with MK, ML, MM, MN receptacles) | MM .050" Rugged Metal I/O Connector<br>MN .050" Rugged Plastic I/O Connector<br>(MM & MN mate with MK, ML, MM, MN plugs) |

| BODY                      |                           |
|---------------------------|---------------------------|
| 2 2-Row (Sizes 9 thru 37) | 2 2-Row (Sizes 9 thru 37) |
| 3 3-Row (Size 51 or 69)   | 3 3-Row (Size 51 or 69)   |
| 4 4-Row (Size 100)        | 4 4-Row (Size 100)        |

|                                                                                                     |                                                  |
|-----------------------------------------------------------------------------------------------------|--------------------------------------------------|
| BODY STYLE:<br>A Plug, straight, standard footprint,<br>rear panel mount with fluorosilicone o-ring | BODY STYLE:<br>2 Receptacle, straight, with ears |
|-----------------------------------------------------------------------------------------------------|--------------------------------------------------|

|                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                    |
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| BODY MATERIAL:<br>2 Polyphenylene Sulfide with electroless<br>nickel shell<br>3 Polyphenylene Sulfide with electrodeposited<br>cadmium shell <input checked="" type="checkbox"/><br>4 Polyphenylene Sulfide with hard anodized<br>black shell | BODY MATERIAL:<br>1 Polyphenylene Sulfide (MN only)<br>2 Polyphenylene Sulfide with electroless<br>nickel shell<br>3 Polyphenylene Sulfide with electrodeposited<br>cadmium shell <input checked="" type="checkbox"/><br>4 Polyphenylene Sulfide with hard anodized<br>black shell |
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| SIZE                                            |                                                 |
|-------------------------------------------------|-------------------------------------------------|
| XXX 009, 015, 021, 025, 031, 037, 051, 069, 100 | XXX 009, 015, 021, 025, 031, 037, 051, 069, 100 |

| CONTACTS                                                                                                                                      |                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TYPE CONTACTS/TERMINATIONS:<br>12 Pin, straight, PCB leads, .109"<br>13 Pin, straight, PCB leads, .140"<br>14 Pin, straight, PCB leads, .172" | TYPE CONTACTS/TERMINATIONS:<br>21 Socket, straight, solder cup<br>24 Socket, straight, .500" pigtails (.018 dia)<br>25 Socket, straight, 1.000" pigtails (.018 dia)<br>26 Socket, straight, crimped wire |

|                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                  |
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| PLATING OPTIONS:<br>3 50 μ" Au contacts: 10 μ" Au terminations<br>5 50 μ" Au contacts; Sn/Pb alloy terminations <input checked="" type="checkbox"/><br>7 50 μ" Au contacts; SAC305 terminations | PLATING OPTIONS:<br>1 50 μ" Au contacts (crimp wire)<br>3 50 μ" Au contacts: 10 μ" Au terminations<br>(solder cup, pigtail)<br>5 50 μ" Au contacts; Sn/Pb alloy terminations (pigtail) <input checked="" type="checkbox"/><br>7 50 μ" Au contacts; SAC305 terminations (pigtail) |
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| HARDWARE                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                               |
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| STYLE OF HARDWARE:<br>00 None<br>24 Two fixed jacknuts, rear panel mount,<br>.040" panel thickness (64*)<br>26 Two fixed jacknuts, rear panel mount,<br>.060" panel thickness (66*)<br>28 Two fixed jacknuts, rear panel mount,<br>.070" panel thickness (68*)<br>29 Two fixed jacknuts, rear panel mount,<br>.080" panel thickness (69*) | STYLE OF HARDWARE:<br>00 None<br>41 Two turning jackscrews, allen head,<br>retaining ring (81*)<br>42 Two long turning jackscrews, allen head,<br>retaining ring (82*)<br>43 Two turning jackscrews, slot head,<br>retaining ring (83*)<br>44 Two long turning jackscrews, slot head,<br>retaining ring (84*)<br>45 Two turning jackscrews, allen head,<br>captivated** (85*) |

|                                   |                                                                                    |
|-----------------------------------|------------------------------------------------------------------------------------|
| POLARIZATION / WIRING:<br>00 None | POLARIZATION / WIRING<br>00 None<br>XX For wiring codes, see page M-183 and M-184. |
|-----------------------------------|------------------------------------------------------------------------------------|

| OPTIONS                                           |                                |
|---------------------------------------------------|--------------------------------|
| EMI EMI o-ring (in lieu of fluorosilicone o-ring) | 900 Interfacial sealing gasket |

\* = Use number in parenthesis when ordering size 100.  
 \*\* = Captive hardware is factory installed and non-removable.

☒ = Option not RoHS compliant

**molex**