DESCRIPTION AND MATERIAL
- Molded neoprene.
- Two to eight contacts.
- Up to 600 VDC.
- Up to 10,000 PSI, mated.
- Glass reinforced epoxy puck with o-ring seal provides waterblock in event of damage to neoprene face of bulkhead.
- Bulkhead connector design open face pressure rated to 5000 PSI.
- Contacts gold plated per MIL-G-45204.

CABLE
- Inline connectors in this series are molded on a standard 24” length of cable, #20 AWG, unless otherwise specified.
- Bulkhead connectors have 12” teflon leads, Type E per MIL 16878/4, two to four contact – #20 AWG, five to eight contact – #22 AWG.

USES
- Light to medium duty applications.
- Hazardous environments.

GUIDELINES
- All mounting surfaces require a 32 finish.
- Lubricate mating surface with 3M Silicone Spray or equivalent, DO NOT grease! Connectors must be lubricated on a regular basis.
- Lubricate o-ring with Dow Corning #111 Valve Lubricant or equivalent.
- Replace o-rings when re-using connectors.
- Avoid nicks and cuts around contacts as these are the sealing surfaces.
- Elastomers can be seriously degraded if exposed to direct sunlight or high ozone levels for extended periods of time.
- Do not over tighten bulkhead nuts.
- Do not pull on cable to disconnect.
- Avoid sharp bends at cable entry to connector.

ORDERING INFORMATION
- Bulkhead connectors do not come with nuts and washers. Nuts and washers should be ordered separately.
MCIL/BH (WB)-2/3/4

MICRO MINI WET
PLUGGABLE (WATERBLOCKED)

NEOPRENE

2.9 MATED LENGTH

.62 DIA.

NEOPRENE

GLASS REINFORCED EPOXY INSERT

2-016 O-RING

.31 .37 .81 HEX

.50 .50 .81 HEX

0-RING 2-014 0-RING 2-014

7/16-20 UNF-2A 7/16-20 UNF-2A

BRASS/STAINLESS STEEL/ALUMINUM/TITANIUM BRASS/STAINLESS STEEL/ALUMINUM/TITANIUM

12” TEF LON LEADS 12” TEF LON LEADS

7/16-20 UNF-2A
**MCIL/BH (WB)-2/3/4-R/A**

**Mated Pressure Rating (psi):** 10,000

**Mating Torque for MCIL/BH (WB)-FS/MP:** not to exceed 100 in/lbs

**Dummy Plug for MCIL/BH (WB)-FS:** MCDC-**-MP

**Dummy Plug for MCIL/BH (WB)-MP:** MCDC-**-FS

* Specify number of contacts.

* Dummy plugs found on page 65 125

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**Contact Configuration (MP Face View):**

- 2 #12 W/ Guide Pin
- 3 #12 W/ Guide Pin
- 4 #12 W/ Guide Pin
**MCIL/BH (WB)-5/6/8-R/A**

**MICRO MINI WET**

**PLUGGABLE (WATERBLOCKED)**

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**DELPHIN LOCKING SLEEVES**

**MALE**

**MCDLS-M**

**FEMALE**

**MCDLS-F**

**CONTACT CONFIGURATION**

(MP FACE VIEW)

- 5 #15
- 6 #15
- 8 #15

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**MOUNTING TORQUE**

FOR MCIL/BH (WB)-FS/MP

<table>
<thead>
<tr>
<th>Mounting Torque for MCIL/BH (WB)-FS/MP</th>
<th>Not to exceed 100 in lbs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mated Pressure Rating (psi)</td>
<td>10,000</td>
</tr>
<tr>
<td>Dummy Plug for MCIL/BH (WB)-FS</td>
<td>MCDC- * -MP</td>
</tr>
<tr>
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<td>MCDC- * -FS</td>
</tr>
</tbody>
</table>

* Specify number of contacts.
* Dummy plugs found on page 65 125