DETAIL SPECIFICATION

CONNECTORS, ELECTRICAL, CIRCULAR, ENVIRONMENT RESISTING AND HERMETICALLY SEALED, RECEPTACLES AND PLUGS, GENERAL SPECIFICATION FOR

This supplement forms a part of MIL-DTL-83723H, dated 28 July 2016.

SPECIFICATION SHEETS

Series I: CANCELED. See current revisions of MIL-DTL-26482 and MIL-DTL-83723, section 6, for replacement listings.

Series II: INACTIVE FOR NEW DESIGN. Connectors, Threaded Coupling, Intermateable with SAE-AS50151 (see section 6 of current revision of MIL-DTL-83723 for superseding military specification sheets and military standards).

MIL-DTL-83723/22 - Connectors, Electrical, (Circular, Environment Resisting), Receptacle, (Box Mount, Threaded Coupling, Crimp Pin Contacts), (Series II, Classes A, G, and R).
MIL-DTL-83723/37 - Connectors, Electrical, (Circular, Environment Resisting), Plug, (Bayonet Coupling, Prewired, Socket Contact), (Series I, Classes A, G and R), (Shell Size 8 for Inserts 8-2, 8-3, and 8-4 only).

AMSC NA

FSC 5935
Series III, CONNECTORS, BAYONET AND THREADED, INTERMATEABLE WITH MIL-DTL-26500

<table>
<thead>
<tr>
<th>MIL-DTL-83723/65</th>
<th>Connectors, Electrical, (Circular, Environment Resisting), Receptacle, (Single Hole Mount, Bayonet Coupling, Solder Pin Contact), (Series III, Class H).</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIL-DTL-83723/79</td>
<td>Connectors, Electrical, (Circular, Environment Resisting), Receptacle, (Flange Mount, Bayonet Coupling, Solder Pin Contact), (Series III, Classes H and Y).</td>
</tr>
<tr>
<td>MIL-DTL-83723/80</td>
<td>Connectors, Electrical, (Circular, Environment Resisting), Receptacle, (Solder Flange Mount, Bayonet Coupling, Solder Pin Contact), (Series III, Classes H and Y).</td>
</tr>
<tr>
<td>MIL-DTL-83723/81</td>
<td>Connectors, Electrical, (Circular, Environment Resisting), Receptacle, (Single Hole Mount, Bayonet Coupling, Solder Pin Contact), (Series III, Classes H and Y).</td>
</tr>
</tbody>
</table>
Series III, CONNECTORS, BAYONET AND THREADED, INTERMATEABLE WITH MIL-DTL-26500 - CONTINUED


MIL-DTL-83723/88 - Connectors, Electrical, (Circular, Environment Resisting), Receptacle, (Flange Mount, Threaded Coupling, Solder Pin Contact), (Series III, Classes H, J, L, N, P, and Y).

MIL-DTL-83723/89 - Connectors, Electrical, (Circular, Environment Resisting), Receptacle, (Single Hole Mount, Threaded Coupling, Solder Pin Contact), (Series III, Classes H, N, and Y).

MIL-DTL-83723/90 - Connectors, Electrical, (Circular, Environment Resisting), Receptacle, (Solder Flange Mount, Threaded Coupling, Solder Pin Contact), (Series III, Classes H, N, and Y).


MIL-DTL-83723/93 - Connectors, Electrical, (Circular, Environment Resisting), Receptacle, (Solder Flange Mount, Bayonet Coupling, Straight Pin Contact), (Series III, Classes H and Y).

MIL-DTL-83723/94 - Connectors, Electrical, (Circular, Environment Resisting) Receptacle, (Single Hole Mount, Bayonet Coupling, Straight Pin Contact), (Series III, Classes H and Y).


MIL-DTL-83723/97 - Connectors, Electrical, (Circular, Environment Resisting), Plug, (Threaded Coupling, Self-Locking, RFI Grounding, Crimp Socket Contacts), (Series III, Classes N and S Firewall).

CONNECTOR ACCESSORIES

SERIES II

MIL-DTL-83723/27 - Connectors, Electrical, Backshell, with Heat-Shrinkable Strain-Relief Boot, (Straight and Right Angle), Threaded Coupling, Series II. (INACTIVE FOR NEW DESIGN).

MIL-DTL-83723/35 - Connectors, Electrical, Backshell, Straight without Strain Relief, and with Mechanical Strain Relief, Straight or Right Angle, Threaded Coupling, Series II. (INACTIVE FOR NEW DESIGN).

MIL-DTL-83723/50 - Connectors, Electrical, Circular, Environment Resisting, Backshell, Straight, 90 and 45 Degrees, with Dielectric Strain Relief, for Series II Connectors. (INACTIVE FOR NEW DESIGN).

SERIES III

MIL-DTL-83723/16 - Connector, Electrical, Backshell, with Heat-Shrinkable Strain-Relief Boot, (Straight or Right Angle), Bayonet-Coupling, Series I and III.


APPLICABLE CONTACTS FOR MIL-DTL-83723 CONNECTORS

SERIES I, II, and III

<table>
<thead>
<tr>
<th></th>
<th>Power</th>
<th>Shielded/Coax</th>
<th>Thermocouple</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pin</td>
<td>SAE-AS39029/4, /29</td>
<td>SAE-AS39029/7, /74</td>
<td>SAE-AS39029/9, /85</td>
</tr>
<tr>
<td>Socket</td>
<td>SAE-AS39029/5, /30</td>
<td>SAE-AS39029/8, /73</td>
<td>SAE-AS39029/10, /86</td>
</tr>
</tbody>
</table>

CONCLUDING MATERIAL

Custodians:
Army - CR
Navy - AS
Air Force - 85
DLA - CC

Preparing activity:
DLA - CC
(Project 5935-2015-227)

Review activities:
Army - AR, AV, MI
Navy - EC, OS
Air Force - 19, 99

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at https://assist.dla.mil.