

INCH-POUND

MIL-DTL-83723F
SUPPLEMENT 1A
8 JUNE 2001

DETAIL SPECIFICATION

CONNECTORS, ELECTRICAL, (CIRCULAR, ENVIRONMENT RESISTING),
RECEPTACLES AND PLUGS, GENERAL SPECIFICATION FOR

This supplement forms a part of MIL-DTL-83723F, dated 20 October 2000.

SPECIFICATION SHEETS

Series I: CANCELED: See MIL-C-26482 and section 6 of MIL-DTL-83723F for replacement listing.

Series II: INACTIVE FOR NEW DESIGN: Connectors, Threaded Coupling, Intermateable with MIL-DTL-5015 (see section 6 of MIL-DTL-83723F for superseding Military Specification Sheets and Military Standards.)

MIL-C-83723/17	- Connectors, Electrical, (Circular, Environment Resisting), Receptacle, (Cable Connecting, Threaded Coupling, Crimp Socket Contacts) (Series II, Classes A, G, and R).
MIL-C-83723/18	- Connectors, Electrical, (Circular, Environment Resisting), Receptacle, (Cable Connecting, Threaded Coupling, Crimp Pin Contacts), (Series II, Classes A, G, and R).
MIL-C-83723/19	- Connectors, Electrical, (Circular, Environment Resisting), Receptacle, (Wall Mount, Threaded Coupling, Crimp Socket Contacts), (Series II, Classes A, G, K, and R).
MIL-C-83723/20	- Connectors, Electrical, (Circular, Environment Resisting), Receptacle, (Wall Mount, Threaded Coupling, Crimp Pin Contacts), (Series II Classes A, G, K, and R).
MIL-C-83723/21	- Connectors, Electrical, (Circular, Environment Resisting), Receptacle, (Box Mount, Threaded Coupling, Crimp Socket Contacts), (Series II, Classes A, G, and R).
MIL-C-83723/22	- Connectors, Electrical, (Circular, Environment Resisting), Receptacle, (Box Mount, Threaded Coupling, Crimp Pin Contacts), (Series II, Classes A, G, and R).
MIL-C-83723/23	- Connectors, Electrical, (Circular, Environment Resisting), Plug, (Threaded Coupling, Crimp Socket Contacts), (Series II, Classes A, G, K, and R).
MIL-C-83723/24	- Connectors, Electrical, (Circular, Environment Resisting), Plug, (Threaded Coupling, Crimp Pin Contacts), (Series II, Classes A, G, K, and R).
MIL-C-83723/53	- Connectors, Electrical, (Circular, Environment Resisting), Plug, (Threaded Coupling, Self-Locking, Crimp Socket Contacts), (Series II, Class K).

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Series III, CONNECTORS, BAYONET AND THREADED, INTERMATEABLE WITH MIL-C-26500

MIL-DTL-83723/65	- Connectors, Electrical, (Circular, Environment Resisting), Receptacle, (Single Hole Mount, Bayonet Coupling, Solder Pin Contact), (Series III, Class H).
MIL-C-83723/66	- Connectors, Electrical, (Circular, Environment Resisting), Plug, Threaded Coupling, (Push - Pull, Quick-Disconnect Without Lanyard), Crimp Pin Contact), (Series III, Classes A, G, R, and W).
MIL-C-83723/67	- Connectors, Electrical, (Circular, Environment Resisting), Plug, Threaded Coupling, (Push - Pull, Quick Disconnect Without Lanyard), Crimp Socket Contact), (Series III, Classes A, G, R, and W).
MIL-C-83723/68	- Connectors, Electrical, (Circular, Environment Resisting), Plug, Threaded Coupling, (Push - Pull, Quick Disconnect With Lanyard, Crimp Pin Contact), (Series III Classes A, G, R, and W).
MIL-C-83723/69	- Connectors, Electrical, (Circular, Environment Resisting), Plug, Threaded Coupling, (Push - Pull, Quick Disconnect With Lanyard), Crimp Socket Contact, Series III, Classes A, G, R, and W).
MIL-C-83723/70	- Connectors, Electrical, (Circular, Environment Resisting) Receptacle Adapter, (Push - Pull), Quick Disconnect, (Series III, Classes A, G, R, and W).
MIL-C-83723/71	- Connectors, Electrical, (Circular, Environment Resisting) Receptacle, (Flange Mount, Bayonet Coupling, Crimp Socket Contact), (Series III, Classes A, G, R, and W).
MIL-DTL-83723/72	- Connectors, Electrical, (Circular, Environment Resisting), Receptacle, (Flange Mount, Bayonet Coupling, Crimp Pin Contact), (Series III, Classes A, G, R, and W).
MIL-DTL-83723/73	- Connectors, Electrical, (Circular, Environment Resisting), Receptacle, (Single Hole Mount, Bayonet Coupling, Crimp Socket Contact), (Series III, Classes A, G, R, and W).
MIL-DTL-83723/74	- Connectors, Electrical, (Circular, Environment Resisting), Receptacle, (Single Hole Mount, Bayonet Coupling, Crimp Pin Contact), (Series III, Classes A, G, R, and W).
MIL-DTL-83723/75	- Connectors, Electrical, (Circular, Environment Resisting), Plug, (Bayonet Coupling, Crimp Socket Contact), (Series III, Classes A, G, K, R, and W).
MIL-DTL-83723/76	- Connectors, Electrical, (Circular, Environment Resisting), Plug, (Bayonet Coupling, Crimp Pin Contact), (Series III, Classes A, G, R, and W).
MIL-DTL-83723/77	- Connectors, Electrical, (Circular, Environment Resisting), Plug, (RFI, Bayonet Coupling, Crimp Socket Contact), (Series III, Classes A, G, R, and W).
MIL-DTL-83723/78	- Connectors, Electrical, (Circular, Environment Resisting), Plug, (RFI, Bayonet Coupling, Crimp Pin Contact), (Series III, Classes A, G, R, and W).
MIL-DTL-83723/79	- Connectors, Electrical, (Circular, Environment Resisting), Receptacle, (Flange Mount, Bayonet Coupling, Solder Pin Contact), (Series III, Classes H and Y).
MIL-DTL-83723/80	- Connectors, Electrical, (Circular, Environment Resisting), Receptacle, (Solder Flange Mount, Bayonet Coupling, Solder Pin Contact), (Series III, Classes H and Y).
MIL-DTL-83723/81	- Connectors, Electrical, (Circular, Environment Resisting), Receptacle, (Single Hole Mount, Bayonet Coupling, Solder Pin Contact), (Series III, Classes H and Y).
MIL-C-83723/82	- Connectors, Electrical, (Circular, Environment Resisting), Receptacle, (Flange Mount, Threaded Coupling, Crimp Socket Contact), (Series III, Classes A, G, K, N, R, S, and W).

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MIL-C-83723/83	- Connectors, Electrical, (Circular, Environment Resisting), Receptacle, (Flange Mount, Threaded Coupling, Crimp Pin Contact), (Series III, Classes A, G, K, N, R, S, and W).
MIL-C-83723/84	- Connectors, Electrical, (Circular, Environment Resisting), Receptacle, (Single Hole Mount, Threaded Coupling, Crimp Socket Contact), (Series III, Classes A, G, K, N, R, S, and W).
MIL-DTL-83723/85	- Connectors, Electrical, (Circular, Environment Resisting), Receptacle, (Single Hole Mount, Threaded Coupling, Crimp Pin Contact), (Series III, Classes A, G, K, N, R, S, and W).
MIL-C-83723/86	- Connectors, Electrical, (Circular, Environment Resisting), Plug, (Threaded Coupling, Crimp Socket Contact), (Series III, Classes A, G, K, R, and W).
MIL-C-83723/87	- Connectors, Electrical, (Circular, Environment Resisting), Plug, (Threaded Coupling, Crimp Pin Contact), (Series III, Classes A, G, K, R, and W).
MIL-C-83723/88	- Connectors, Electrical, (Circular, Environment Resisting), Receptacle, (Flange Mount, Threaded Coupling, Solder Pin Contact), (Series III, Classes H, N, and Y).
MIL-C-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-C-83723/91	- Connectors, Electrical, (Circular, Environment Resisting), Plug, (RFI, Threaded Coupling, Crimp Socket Contact), (Series III, Classes G, R, and W).
MIL-C-83723/92	- Connectors, Electrical, (Circular, Environment Resisting), Plug, (RFI, Threaded Coupling, Crimp Pin Contact), (Series III, Classes G, R, and W).
MIL-C-83723/93	- Connectors, Electrical, (Circular, Environment Resisting), Receptacle, (Solder Flange Mount, Bayonet Coupling, Straight Pin Contact), (Series III, Classes H and Y).
MIL-C-83723/94	- Connectors, Electrical, (Circular, Environment Resisting) Receptacle, (Single Hole Mount, Bayonet Coupling, Straight Pin Contact), (Series III, Classes H and Y).
MIL-DTL-83723/95	- Connectors, Electrical, (Circular, Environment Resisting), Plug, (Threaded Coupling, Self-Locking, Crimp Socket Contact), (Series III, Classes A, G, K, R, and W).
MIL-DTL-83723/96	- Connectors, Electrical, (Circular, Environment Resisting), Plug, (Threaded Coupling, Self-Locking, Crimp Pin Contact), (Series III, Classes A, G, K, R, and W).
MIL-C-83723/97	- Connectors, Electrical, (Circular, Environment Resisting), Plug, (Threaded Coupling, Self-Locking, RFI Grounding, Crimp Socket Contacts), (Series III, Classes N and S Firewall).
MIL-C-83723/98	- Connectors, Electrical, (Circular, Environment Resisting), Plug, (Threaded Coupling, Self-Locking, RFI Grounding, Crimp Pin Contacts), (Series III, Classes N and S Firewall).

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CONNECTOR ACCESSORIES

SERIES II

- MIL-C-83723/27 - Connectors, Electrical, Backshell, With Heat-Shrinkable Strain-Relief Boot, (Straight or Right Angle), Threaded Coupling, Series II.
- MIL-DTL-83723/35 - Connectors, Electrical, Backshell, Straight W/O Strain Relief, and With Mechanical Strain Relief, Straight or Right Angle, Threaded Coupling, Series II.
- MIL-C-83723/50 - Connectors, Electrical, Circular, Environment Resisting, Backshell, Straight, 90 and 45 Degrees, With Dielectric Strain Relief, For Series II Connectors.

SERIES III

- MIL-C-83723/16 - Connector, Electric, Backshell, With Heat-Shrinkable Strain-Relief Boot, (Straight or Right Angle), Bayonet-Coupling, Series I and III.
- MIL-C-83723/59 - Connectors, Electrical, (Circular, Environment Resisting), Protective Covers, Plug, (For MIL-C-26500 and MIL-DTL-83723, Series III, Classes A, R, and W).
- MIL-C-83723/60 - Connectors, Electrical, (Circular, Environment Resisting), Protective Covers, Receptacle, (For MIL-C-26500 and MIL- DTL -83723, Series III, Classes A, R, and W).
- MIL-C-83723/61 - Connectors, Electrical, (Circular, Environment Resisting), Dummy Connector, Receptacle, (For MIL-C-26500 and MIL- DTL -83723, Series III, Classes A, R, and W).

APPLICABLE CONTACTS FOR MIL-DTL-83723 CONNECTORS

SERIES I, II, and III

	Power	Shielded/Coax	Thermocouple
Pin	MIL-C-39029/4, /29	MIL-C-39029/74	MIL-C-39029/9, /85
Socket	MIL-C-39029/5, /30	MIL-C-39029/73	MIL-C-39029/10, /86

CONCLUDING MATERIAL

Preparing activity:
DLA - CC

(Project 5935-4325)