

INCH - POUND

MIL-DTL-83723F

SUPPLEMENT 1

20 October 2000

## DETAIL SPECIFICATION

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

This supplement forms a part of MIL-DTL-83723F, dated 15 September 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-C-5015 (See section 6 of MIL-DTL-83723F for superseding MS'S.)

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 Mounting, 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 Mounting, Threaded Coupling, Crimp Socket Contacts), Series II, Classes A, G, and R).
MIL-C-83723/22	-	Connectors, Electrical, Receptacle, (Box Mounting, Threaded Coupling 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, Receptacle, Single Hole Mounting, Solder Pin Contact, Bayonet Coupling, Hermetic Seal, Series III.
MIL-C-83723/66	-	Connectors, Electrical, (Circular, Environment Resisting), Plug, Threaded Coupling, (Push – Pull, Quick-Disconnect Without Lanyard), Crimp PIN Contact, Series III, Class 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, Class 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 Class 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, Receptacle, Flange Mount, Crimp Pin Contact, Bayonet Coupling, Series III.
MIL-DTL-83723/73	-	Connectors, Electrical, Receptacle, Single Hole Mount, Crimp Socket Contact, Bayonet Coupling, Series III.
MIL-DTL-83723/74	-	Connectors, Electrical, Receptacle, Single Hole Mount, Crimp Pin Contact, Bayonet Coupling, Series III.
MIL-DTL-83723/75	-	Connectors, Electrical, Plug, Crimp Socket Contact, Bayonet Coupling, Series III.
MIL-DTL-83723/76	-	Connectors, Electrical, Plug, Crimp Pin Contact, Bayonet Coupling, Series III.
MIL-DTL-83723/77	-	Connectors, Electrical, Plug, Crimp Socket Contact, RFI, Bayonet Coupling, Series III.
MIL-DTL-83723/78	-	Connectors, Electrical, Plug, Crimp Pin Contact, RFI, Bayonet Coupling, Series III.
MIL-DTL-83723/79	-	Connectors, Electrical, Receptacle, Flange Mount, Solder Pin Contact, Bayonet Coupling, Series III.
MIL-DTL-83723/80	-	Connectors, Electrical, Receptacle, Solder Flange Mount, Solder Pin Contact, Bayonet Coupling, Hermetic Seal, Series III.
MIL-DTL-83723/81	-	Connectors, Electrical, Receptacle, Single Hole Mount, Solder Pin Contact, Bayonet Coupling, Series III.
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).
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).

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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, Receptacle, Single Hole Mount, Crimp Pin Contact, Threaded Coupling, Series III.
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, Receptacle, Solder Flange Mount, Solder Pin Contact, Threaded Coupling, Hermetic Seal, Series III.
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 Mounting, Bayonet Coupling, Straight Pin Contact), (Series III, Classes H and Y).
MIL-DTL-83723/95	-	Connectors, Electrical, Plug, Crimp Socket Contact, Self-Locking, Threaded Coupling, Series III.
MIL-DTL-83723/96	-	Connectors, Electrical, Plug, Crimp Pin Contact, Self-Locking, Threaded Coupling, Series III.
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 Contact), (Series III, Classes N and S Firewall).

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## CONNECTOR ACCESSORIES

## SERIES II

- MIL-C-83723/27 - Connector, Electrical, Backshell, With Heat-Shrinkable Strain-Relief Boot, (Straight or Right Angle), Threaded Coupling, Series II.
- MIL-DTL-83723/35 - Backshell, Straight W/O Strain Relief and With Mechanical Strain Relief, Straight or 90 Degree, Threaded Coupling, Series II.
- MIL-C-83723/50 - Connector, Electrical, Circular, Environment Resisting, Backshell, Straight, 90 and 45 Degrees, With Dielectric Strain Relief, Series 2 Connectors.

## SERIES III

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

## APPLICABLE CONTACTS FOR MIL-C-83723 CONNECTORS

## SERIES I, II, AND III

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

## CONCLUDING MATERIAL

Preparing activity:  
DLA - CC