

How to Order – Military or Commercial Designation

	1.	2.	3.	4.	5.
	Connector Type	Connector Style and Contact Type (Crimp)	Service Class	Shell Size/ Insert Arrangement	Alternate Keying Position of Shell
MILITARY	M83723	/82	G	16-24	6

	1.	2.	3.	4.	5.	6.	7.	8.
	Connector Style	Service Class	Shell Style	Shell Size/ Insert Arrangement	Contact Type	Alternate Contact Finish or Without Contacts	Alternate Keying Position of Shell	Variations
COMMERCIAL	BT	G	-17	16-24	S	D	06	XXX

1. MILITARY CONNECTOR TYPE

M83723	Designates MIL-DTL-83723 Series III Connectors
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(Refer to military specification slash sheet number).
(How to Order Hermetic Styles is provided on page 36).

2. CONNECTOR STYLE

/71	Bayonet, Square Flange Receptacle, with sockets
/72	Bayonet, Square Flange Receptacle, with pins
/73	Bayonet, Jam Nut (D-Hole Mount) Recept., with sockets
/74	Bayonet, Jam Nut (D-Hole Mount) Recept., with pins
/75	Bayonet, Straight Plug, with sockets
/76	Bayonet, Straight Plug, with pins
/82	Threaded, Square Flange Receptacle, with sockets
/83	Threaded, Square Flange Receptacle, with pins
/84	Threaded, Jam Nut (D-Hole Mount) Recept., with sockets
/85	Threaded, Jam Nut (D-Hole Mount) Recept., with pins
/86	Threaded, Straight Plug, with sockets
/87	Threaded, Straight Plug, with pins
/95	Threaded, Non-Decoupling Plug, with sockets
/96	Threaded, Non-Decoupling Plug, with pins
/97	Threaded, Non-Decoupling Plug, with EMI Grounding spring, with sockets
/98	Threaded, Non-Decoupling Plug, with EMI Grounding spring, with pins

3. SERVICE CLASS

G	Stainless Steel
K	Stainless Steel Firewall

Note: See Matrix 83723 styles for aluminum classes A, R and W.

4. SHELL SIZE & INSERT ARRANGEMENT FROM CHART ON PG. 26

(except size 28 is not available in Bayonet Style)
First number represents Shell Size, second number is the Insert Arrangement

5. ALTERNATE KEYING POSITION - ROTATION OF MASTER KEY/KEYWAY OF SHELL

Use N for normal. Use 6, 7, 8, 9 or Y for alternate keying positions. See page 26 for descriptions.

1. COMMERCIAL CONNECTOR/ M83723 SERIES II

BT	Threaded with 'O' ring seal in receptacle
BY	Bayonet with 'O' ring seal in receptacle

(How to Order Hermetic Styles is provided on page 36).

2. SERVICE CLASS

G	Stainless steel
K	Stainless steel Firewall

Note: See Matrix 83723 styles for aluminum classes A, R and W.

3. SHELL STYLE

-10	Straight Plug, Bayonet coupling only
-11	Straight Plug, Threaded coupling only
-12	Non-Decoupling Plug, Threaded coupling only
-12F	Modification 360° accessory teeth per MS3155, EMI Grounding Spring on Plug only. For /97 & /98 only.
-17	Square Flange Receptacle
-19	Jam Nut (D-Hole Mount) Receptacle

4. SHELL SIZE & INSERT ARRANGEMENT FROM CHART ON PG. 26

(except size 28 is not available in Bayonet Style)
First number represents Shell Size, second number is the Insert Arrangement.

5. CONTACT TYPE (CRIMP)

P	Pin Contacts
S	Socket Contacts

6. ALTERNATE CONTACT FINISH/ WITHOUT CONTACTS

D	Gold per SAE AS39029*
E	Without contacts

7. ALTERNATE KEYING POSITION - ROTATION OF MASTER KEY/KEYWAY OF SHELL

Use N for normal. Use 06, 07, 08, 09 or Y for alternate keying positions. See page 26 for descriptions.

8. VARIATIONS

Consult Amphenol Aerospace for information.

*Supersedes MIL-C-39029