

Miniature Cylindrical MIL-C-83723, Series III Bayonet Coupling how to order

HOW TO ORDER BY MILITARY PART NUMBER MIL-C-83723 SERIES III BAYONET COUPLING CONNECTORS

M83723 /74 R 12 03 7
1 2 3 4 5 6

1. Connector Type
M83723 designates MIL-C-83723 Series III Connectors
2. Connector Style
(Refer to military specification slashsheet number.)
Bayonet coupling connectors are designated by numbers /71-/78 as follows:
/71 wall mounting receptacle with socket contacts
/72 wall mounting receptacle with pin contacts
/73 jam nut receptacle with socket contacts
/74 jam nut receptacle with pin contacts
/75 standard straight plug with socket contacts
/76 standard straight plug with pin contacts
/77 straight plug with RFI grounding, socket contacts
/78 straight plug with RFI grounding, pin contacts
3. Service Class
A aluminum shell, black non-conductive anodize finish, fluid resistant
R aluminum shell, electroless nickel finish, fluid resistant
G stainless steel shell, passivated, fluid resistant
W aluminum shell, cadmium olive drab finish, corrosion/fluid resistant

Note: Consult Amphenol, Sidney, NY for hermetic classes H and Y availability.
- 4., 5. Shell size (sizes 8-24 available), and insert arrangement -
See chart on page 16 and pattern drawings that follow.
6. Keying Positions (rotation of master key/keyway of shell)
Use N for normal.
Use 6, 7, 8, 9, or Y for alternate keying positions.
See page 17 for descriptions.

Clocking Positions (rotation of insert)
Use 1, 2, 3, 4, or 5 for alternate clocking positions.
See page 17 for descriptions.

HOW TO ORDER BY PROPRIETARY PART NUMBER MIL-C-83723 SERIES III BAYONET COUPLING CONNECTORS

MB 34 R - 12 03 P 7 - ***
1 2 3 4 5 6 7 8

1. Connector Type
MB designates Amphenol®/Matrix® Bayonet Coupling Connectors
2. Connector Style
30 wall mounting receptacle
34 jam nut receptacle
36 standard straight plug
38 straight plug with RFI grounding fingers
3. Service Class
A aluminum shell, black non-conductive anodize finish, fluid resistant
R aluminum shell, electroless nickel finish, fluid resistant
G stainless steel shell, passivated, fluid resistant
W aluminum shell, cadmium olive drab finish, corrosion/fluid resistant

Note: Consult Amphenol, Sidney, NY for hermetic classes H and Y availability.
- 4., 5. Shell size (sizes 8-24 available), and insert arrangement -
See chart on page 16 and pattern drawings that follow.
6. Contact Types
P designates pin
S designates socket
7. Keying Positions (rotation of master key/keyway of shell)
"N" not required for normal position.
Use 6, 7, 8, 9, or Y for alternate keying positions.
See page 17 for descriptions.

Clocking Positions (rotation of insert)
Use 1, 2, 3, 4, or 5 for alternate clocking positions.
See page 17 for descriptions.
8. Modification Number
Consult Amphenol, Sidney, NY for information.

For ordering information on accessories, such as protection caps and backshell hardware, contact Amphenol, Sidney, NY.

Miniature Cylindrical MIL-C-83723, Series III Threaded and Quick-Disconnect Coupling how to order

HOW TO ORDER BY MILITARY PART NUMBER MIL-C-83723 SERIES III THREADED COUPLING AND QUICK-DISCONNECT COUPLING CONNECTORS

M83723	/84	R	08	03	N
1	2	3	4	5	6

- Connector Type
M83723 designates MIL-C-83723 Series III Connectors
- Connector Style
(Refer to military specification slashsheet number.)
THREADED COUPLING CONNECTORS
are designated by the following numbers:
/82 wall mounting receptacle with socket contacts
/83 wall mounting receptacle with pin contacts
/84 jam nut receptacle with socket contacts
/85 jam nut receptacle with pin contacts
/86 standard straight plug with socket contacts
/87 standard straight plug with pin contacts
/91 straight plug with RFI grounding, socket contacts
/92 straight plug with RFI grounding, pin contacts
/95 straight plug with self-locking clutch plate, socket contacts
/96 straight plug with self-locking clutch plate, pin contacts
QUICK-DISCONNECT COUPLING CONNECTORS
are designated by the following numbers:
/66 straight plug without lanyard, pin contacts
/67 straight plug without lanyard, socket contacts
/68 straight plug with lanyard, pin contacts
/69 straight plug with lanyard, socket contacts
- Service Class
For threaded and quick-disconnect coupling connectors:
A aluminum shell, black non-conductive anodize finish, fluid resistant
R aluminum shell, electroless nickel finish, fluid resistant
G stainless steel shell, passivated, fluid resistant
W aluminum shell, cadmium olive drab finish, corrosion/fluid resistant

Consult Amphenol, Sidney, NY for the following additional classes of MIL-C-83723, Series III which are available in the Amphenol/Pyle versions.:
Classes K, S, N - firewall, high temperature (200°C - 260°C)
Classes H and Y - hermetics
- , 5. Shell size and insert arrangement - See chart on page 16 and pattern drawings that follow.
Shell sizes 8 thru 28 are available in threaded coupling connectors. (However, note that size 28 shell is not an MS connector, and should be ordered by proprietary number.)
Shell sizes 8 thru 24 are available in quick-disconnect coupling connectors.
- Keying Positions (rotation of master key/keyway of shell)
Use N for normal.
Use 6, 7, 8, 9, or Y for alternate keying positions.
See page 17 for descriptions.

Clocking Positions (rotation of insert)
Use 1, 2, 3, 4 or 5 for alternate clocking positions.
See page 17 for descriptions.

HOW TO ORDER BY PROPRIETARY PART NUMBER MIL-C-83723 SERIES III THREADED COUPLING AND QUICK-DISCONNECT COUPLING CONNECTORS

MT	34	R	08	03	P	Z	-	***
1	2	3	4	5	6	7		8

- Connector Type
MT designates Amphenol®/Matrix® Threaded Coupling Connectors
MQ designates Amphenol®/Matrix® Quick-Disconnect Coupling Connectors
- Connector Style
THREADED COUPLING CONNECTORS
are designated by the following numbers:
30 wall mounting receptacle
34 jam nut receptacle
36 standard straight plug
38 straight plug with RFI grounding fingers
37 straight plug with self-locking clutch plate
QUICK-DISCONNECT COUPLING CONNECTORS
are designated by the following numbers:
35 straight plug with lanyard
36 straight plug without lanyard
- Service Class
For threaded and quick-disconnect coupling connectors:
A aluminum shell, black non-conductive anodize finish, fluid resistant
R aluminum shell, electroless nickel finish, fluid resistant
G stainless steel shell, passivated, fluid resistant
W aluminum shell, cadmium olive drab finish, corrosion/fluid resistant

Consult Amphenol, Sidney, NY for the following additional classes of MIL-C-83723, Series III which are available in the Amphenol/Pyle versions.:
Classes K, S, N - firewall, high temperature (200°C - 260°C)
Classes H and Y - hermetics
- , 5. Shell size and insert arrangement - See chart on page 16 and pattern drawings that follow.
Shell sizes 8 thru 28 are available in threaded coupling connectors. Shell sizes 8 thru 24 are available in quick-disconnect coupling connectors.
- Contact Types
P designates pin
S designates socket
- Keying Positions (rotation of master key/keyway of shell)
Use 6, 7, 8, 9, or Y for alternate keying positions.
See page 17 for descriptions.

Clocking Positions (rotation of insert)
Use 1, 2, 3, 4 or 5 for alternate clocking positions.
See page 17 for descriptions.
- Modification Number
Consult Amphenol, Sidney, NY for information.

For ordering information on accessories, such as protection caps and backshell hardware, contact Amphenol, Sidney, NY