

1. 2. 3. 4. 5. 6. 7.

MIL-DTL-26482, Series 2	Connector Type	Connector Style	Service Class	Shell Size/Insert Arrangement	Contact Type	Alternate Rotation of Insert	Modification Number
MILITARY	MS	3470	W	12-10	P	W	NA
COMMERCIAL	MB1	0	W	12-10	P	W	(xxx)

Step 1. Military Connector Type

MS	Designates Military Standard
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Step 2. Select a Connector Style

	Designates
3470	Wall Mount Receptacle with Narrow Flange
3472	Wall Mount Receptacle with Wide Flange
3471	Cable Connecting Receptacle
3474	Jam Nut Receptacle
3476	Straight Plug
3475	Straight Plug with RFI Grounding Fingers

Step 3. Select a Service Class

	Designates
L	Aluminum shell, electroless nickel finish, fluid resistant insert
A	Aluminum shell, black anodized finish, non-conductive fluid resistant insert
W	Aluminum shell, olive drab cadmium plated, fluid resistant insert

Note: For stainless steel shell, passivated, order by Amphenol®/Matrix® commercial Class G.
Class L inactivates classes E and R (Ref. MIL-DTL-26482)

Step 4. Select a Shell Size & Insert

Arrangement from chart on page 111.

Shell Size & Insert Arrangements are on pages 111
First number represents Shell Size, second number is the Insert Arrangement.

Step 5. Select a Contact Type

	Designates
P	Pin Contacts
S	Socket Contacts
A	Less Pins
B	Less Sockets

Use A & B only when other than a full complement of power contacts is to be installed.

Step 6. Select an Alternate Rotation of Insert

“W”, “X”, “Y”, “Z” designate that insert is rotated in its shell from normal position. No letter required for normal (no rotation) position. See page 111 for description of alternate positions.

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

Step 1. Commercial Connector Type

MB1	Designates Amphenol®/Matrix® Bayonet Coupling Connector
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Step 2. Select a Connector Style

	Designates
0	Wall Mount Receptacle with Narrow Flange
1	Wall Mount Receptacle with Wide Flange
3	Cable Connecting Receptacle
4	Jam Nut Receptacle
6	Straight Plug
8	Straight Plug with RFI Grounding Fingers

Step 3. Select a Service Class

	Designates
A	Aluminum shell, black anodized finish, non-conductive, fluid resistant insert
R	Aluminum shell, electroless nickel finish, fluid resistant insert
G	Stainless steel shell, passivated, fluid resistant insert
W	Aluminum shell, cadmium plated, olive drab finish, fluid resistant insert

Step 4. Select a Shell Size & Insert

Arrangement from chart on page 111.

Shell Size & Insert Arrangements are on pages 111.
First number represents Shell Size, second number is the Insert Arrangement.

Step 5. Select a Contact Type

	Designates
P	Pin Contacts
S	Socket Contacts

Step 6. Select an Alternate Rotation of Insert

“W”, “X”, “Y”, “Z” designate that insert is rotated in its shell from normal position. No letter required for normal (no rotation) position. See page 111 for description of alternate positions.

Step 7. Modification Number

Consult Amphenol Aerospace, Sidney, NY for information.
For strain reliefs use the following codes:
(189) E-nut M85049/31 configuration
(190) Straight strain relief M85049/52 configuration
(191) 90° strain relief M85049/51 configuration

38999
III
II
I
SJT

26482
Matrix 2

83723 III
Matrix
Pyle

5015
Crimp Rear
Release Matrix

26500 Pyle

Printed
Circuit Board

EMI Filter
Transient

Fiber Optics

High Speed
Contacts

Options
Others