MS/Standard
how to order

HOW TO ORDER <u>BY MILITARY PART NUMBER</u>
MIL-DTL-5015 CONNECTORS
WITH REAR RELEASE CRIMP CONTACTS

MS	3456	L	16S	–	8	P	W
1	**2**	**3**	**4**		**5**	**6**	**7**

1. Connector Type
MS designates Military Standard

2. Connector Style
THREADED COUPLING CONNECTORS
3450 wall mounting receptacle
3451 cable connecting receptacle
3452 box mounting receptacle
3454 jam nut receptacle
3456 straight plug
3459 straight plug with self-locking coupling nut

3. Service Class
L aluminum shell, electroless nickel finish, fluid resistant insert
W aluminum shell, cadmium olive drab finish, fluid resistant insert
LS stainless steel shell, passivated, fluid resistant insert
KT firewall, steel shell, cadmium olive drab finish, non-flammable hard dielectric and fluid resistant insert
KS firewall, stainless steel shell, passivated, non-flammable hard dielectric and fluid resistant insert

Note: Class L inactivates older Class U.
Class K is inactive and has been replaced by Class KT for all applications.

4., 5. Shell size and insert arrangement - See tables on pages 11 and 12 and pattern drawings that follow.

6. Contact Types
P designates pin
S designates socket
A designates less pins
B designates less sockets

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

7. Insert Rotation
"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 13 for description of alternate positions.

HOW TO ORDER <u>BY PROPRIETARY PART NUMBER</u>
MIL-DTL-5015 CONNECTORS
WITH REAR RELEASE CRIMP CONTACTS

944	6	F	16S	–	8	P	W	***
1	**2**	**3**	**4**		**5**	**6**	**7**	**8**

1. Connector Type
944 designates Amphenol®/Matrix® Series Number

2. Connector Style
THREADED COUPLING CONNECTORS
9440 wall mounting receptacle
9441 cable connecting receptacle
9442 box mounting receptacle
9444 jam nut receptacle
9446 straight plug
9816 straight plug with self-locking coupling nut
9817 quick disconnect plug with lanyard
9818 quick disconnect plug without lanyard

3. Service Class
A aluminum shell, black anodize finish, fluid resistant insert (not MIL-Spec)
F aluminum shell, electroless nickel finish, fluid resistant insert
W aluminum shell, cadmium olive drab finish, fluid resistant insert
FS stainless steel shell, passivated, fluid resistant insert
RS fluid resistant insert
KT firewall, steel shell, cadmium/olive drab finish, non-flammable hard dielectric and fluid resistant insert
KS firewall, stainless steel shell, passivated, non-flammable hard dielectric and fluid resistant insert

4., 5. Shell size and insert arrangement - See tables on pages 11 and 12 and pattern drawings that follow.

6. Contact Types
P designates pin
S designates socket

7. Insert Rotation
"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 13 for description of alternate positions.

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