

38999

III

HD

Dualok

II

I

SJT

Accessories

Aquacon

Herm/Seal

PCB

HIGH
SPEED

Fiber
Optics

Contacts
Connectors
Cables

EMI Filter
Transient

26482
Matrix 2

83723 III
Matrix (Pyle)

26500
Pyle

5015
Crimp Rear
Release
Matrix

22992
Class L

Back-
Shells

Options
Others



ARINC 801 Inserts within
Tri-Start Connectors

Amphenol® ARINC 801 Connector:

Amphenol now offers a multi-channel circular connector that complies with the ARINC specification. This connector, available in straight plug and wall mount receptacle, uses the ARINC 801 ceramic termini described on page 203.

The features of the ARINC 801 connector include:

- Uses precision ARINC 801 fiber optic termini (typical multi-mode insertion loss is less than 0.15 dB).
- Removable alignment sleeve insert for easy cleaning of fiber optic termini.
- Three stages of alignment: shell-to-shell keys, guide pins and ceramic alignment sleeves.
- Includes all of the features of standard D38999 straight plug and wall mount receptacle shells (refer to page 197 for shell dimensions).
- Scoop-proof design
- Option for alternate keys and keyways
- Rear accessory threads
- Standard insertion/extraction tools (M81969/14-03)

Easy Steps to build a part number... ARINC 801 Connectors

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

Connector Type	Connector Series	Shell Finish	Shell Style	Shell Size – Insert arrangement	Insert Type & Key/Keyway Position
CF	5A	4	6	11-02	N

Step 1. Select a Connector Type

CF–	Multi-Channel Fiber Optic Connector
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Step 2. Select a Shell Series

Designates
5A Aluminum
6A Composite

Step 3. Select a Shell Finish

Designates
4 Electroless Nickel
9 Olive drab cadmium
D Durmalon™* (Nickel-PTFE) (Aluminum only)

Step 4. Select a Shell Style

Designates
0 Wall mount receptacle ARINC 801
6 Straight plug ARINC 801

Step 5. Select a Shell Size – Insert Arrangement

See available insert arrangements for ARINC 801 connectors below.

Step 6. Insert Type & Key/Keyway Position

Insert Type and Keyway Position
P designates pin insert (shell style 0 only)
S designates socket insert (shell style 6 only)

For keyway positioning, choose the alternate rotation suffix from the chart at right.

Alternate Position

Alternate Position
Normal
A
B
C
D
E

For more information on key/keyway rotation, see the Series III MIL-DTL-38999 section.

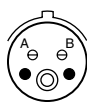
* Durmalon is a trademark of Amphenol Aerospace. For more information on Durmalon go to page 5. Other finishes available; please contact Amphenol Aerospace for more information.

Insert Arrangements

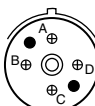
Front face of pin inserts illustrated

Insert Arrangement

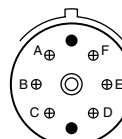
11-02



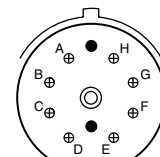
13-04



15-06

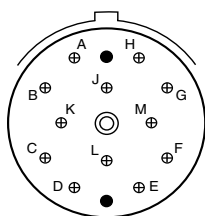


17-08

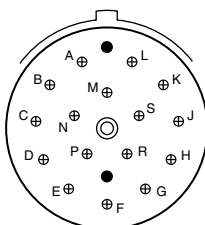


Insert Arrangement

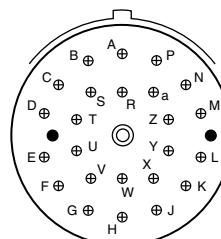
19-12



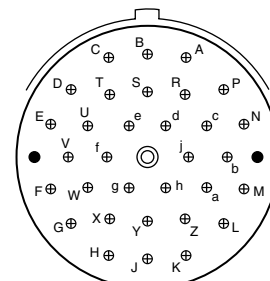
21-16



23-24



25-32



⊕ Contact Location ⊙ Jack Screw (Plug only) ● Guide Pin/Hole Location