



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

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)

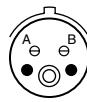
Step 4. Select a Shell Style

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

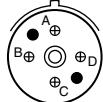
* Durmalon is a trademark of Amphenol Aerospace. For more information on Durmalon go to page 5. Other finishes available; please contact Amphenol Aerospace for more information.

Insert Arrangements

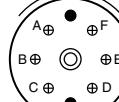
Insert Arrangement



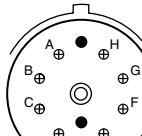
11-02



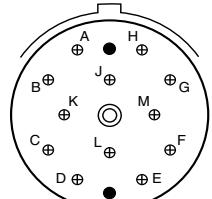
13-04



15-06

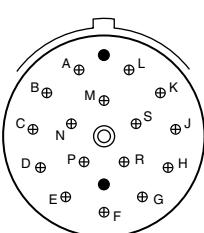


17-08

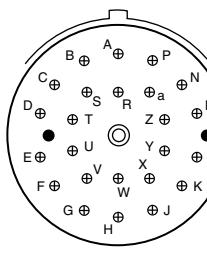


Insert Arrangement

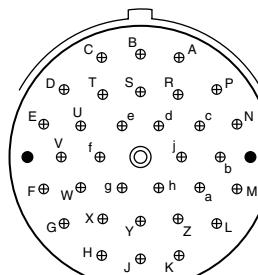
19-12



21-16



23-24



25-32

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