

OPTIMIZED
FOR USE WITH

BLUMARK
COAX CABLES

RF

SERIES
806 RF
MIL-AERO

Series 806 RF Mil-Aero
Multiport Micro Circular
for RF, Microwave, and
mmWave Applications



Series 806 RF connectors are micro miniature circulars with true MIL-DTL-38999 Series III-level performance including high altitude immersion, DWV, and shock and vibrate resistance. Precision-machined aluminum or stainless steel shells, fluorosilicone grommets, and auxiliary shielding delivers space-grade environmental, mechanical, and electrical performance. Eighteen contact layouts, eleven shell sizes, with support for #8 BMB, #12 SMPM, or #16 SMPS contacts. RF frequency from DC–65 GHz. G-LinkRF contacts save time and reduce labor.



Save time and improve reliability. Series 806 RF connectors are optimized for use with 26.5 GHz G-Link RF contacts with integral female SMA adapter for attaching SMA plug directly to the contact.

- Eighteen layouts for size #8, #12, or #16 RF contacts (sold separately)
- Optimized for SpeedLine and BluMark RF cables
- Available SplayMaster cable organizer backshells
- Environmentally-sealed
- Scoop-proof mating interface
- EMI spring on plugs for low shell-to-shell resistance
- Snap-in, rear-release contacts
- Hermetic versions and extended backshells available

G-LinkRF

MICRO MINIATURE Series 806 RF Mil-Aero Circular Connectors



Supports size #8, size #12, and size #16 drop-in RF contacts

SERIES 806 RF CONNECTOR SELECTION GUIDE



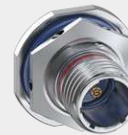
806-072
Cable Plug



806-073
Wall-Mount Receptacle



806-079
In-Line Receptacle



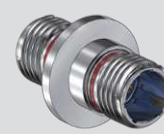
806-080
Jam Nut Receptacle



806-082-01
Hermetic Bulkhead Feedthru, Panel Mount
(Pin-Pin)



806-082-07
Hermetic Bulkhead Feedthru, Jam Nut
Mount (Pin-Pin)

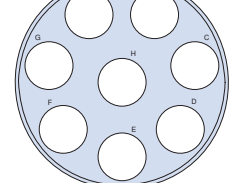
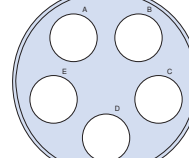
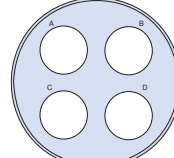
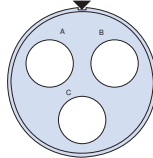
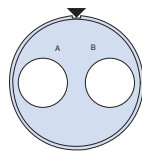


806-082-13
Hermetic Bulkhead Feedthru, Weld Mount
(Pin-Pin)

SERIES 806 SIZE 8 RF CONTACT ARRANGEMENTS

Mating face of pin connector. Socket numbering is reversed.

Symbol ▼ indicates master key location.



Arrangement No. **10R1**

16R2

18R3

20R4

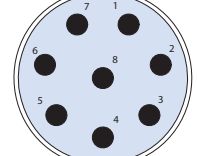
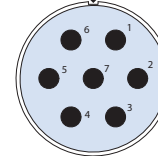
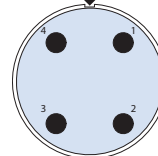
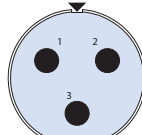
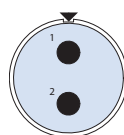
22R5

24R8

SERIES 806 SIZE 12 RF CONTACT ARRANGEMENTS

Mating face of pin connector. Socket numbering is reversed.

Symbol ▼ indicates master key location.



Arrangement No. **9R1**

12R2

14R3

16R4

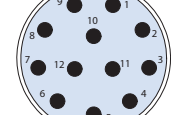
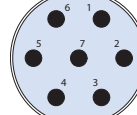
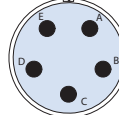
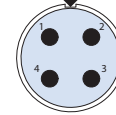
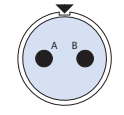
16R7

18R8

SERIES 806 SIZE 16 RF CONTACT ARRANGEMENTS

Mating face of pin connector. Socket numbering is reversed.

Symbol ▼ indicates master key location.



Arrangement No. **8R1**

10R2

11R4

12R5

14R7

16R12