

# MICRO MINIATURE CIRCULAR Series 806 Mil-Aero Fiber Optic



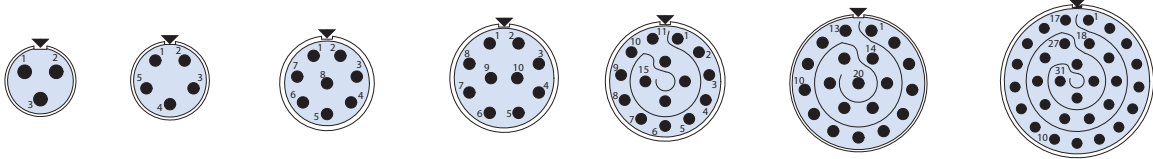
## Series overview

Series 806 Mil-Aero

### SERIES 806 ARRANGEMENTS COMPATIBLE WITH #20HD FIBER OPTIC TERMINI

Mating face of pin connector. Socket numbering is reversed.

Symbol ▼ indicates master key location.

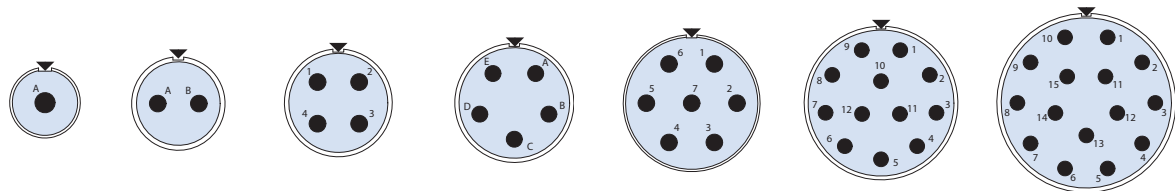


Arrangement No.	8-3	9-5	10-8	11-10	12-15	14-20	16-31
No. of Termini	3	5	8	10	15	20	31

### SERIES 806 ARRANGEMENTS COMPATIBLE WITH #16 FIBER OPTIC TERMINI

Mating face of pin connector. Socket numbering is reversed.

Symbol ▼ indicates master key location.



Arrangement No.	8-1	10-2	11-4	12-5	14-7	16-12	18-15
No. of Contacts	1	2	4	5	7	12	15

Higher density arrangements available. Consult factory for additional sizes.

## SIZES 16 AND 20HD FIBER OPTIC TERMINI FOR SERIES 806 MIL-AERO CONNECTORS



**Single or multimode. Ceramic ferrule. 0.5 dB loss.** Sizes 16 and 20HD fiber optic termini are compatible with Series 806 connectors with sizes 16 and 20HD contact arrangements. These snap-in, rear release termini feature precision ceramic ferrules and alignment sleeves for accurate fiber alignment. Typical insertion loss 0.5 dB. Fits 50/125 and 62.5/125 multimode and 9/125 singlemode fiber.

#### HOW-TO-ORDER 20HD FIBER OPTIC TERMINI FOR SERIES 806 CONNECTORS

Termini Type	Optical Fiber Type	Part Number	ØA Ferrule Hole	Fiber Size Core/Cladding
Pin	Singlemode	<a href="#">181-134-1255</a>	125.5 microns	9/125
Pin	Multimode	<a href="#">181-134-126</a>	126.0 microns	50/125, 62.5/125
Socket	Singlemode	<a href="#">181-135-1255</a>	125.5 microns	9/125
Socket	Multimode	<a href="#">181-135-126</a>	126.0 microns	50/125, 62.5/125

#### HOW-TO-ORDER 16 FIBER OPTIC TERMINI FOR SERIES 806 CONNECTORS

Termini Type	Optical Fiber Type	Part Number	ØA Ferrule Hole	Fiber Size Core/Cladding
Pin	Single Mode	<a href="#">181-145-125</a>	125.5 microns	9/125
Pin	Multi Mode	<a href="#">181-145-126</a>	126.0 microns	50/125, 62.5/125
Pin	Multi Mode	<a href="#">181-145-144</a>	144.0 microns	100/140
Socket	Single Mode	<a href="#">181-146-125</a>	125.5 microns	9/125
Socket	Multi Mode	<a href="#">181-146-126</a>	126.0 microns	50/125, 62.5/125
Socket	Multi Mode	<a href="#">181-146-144</a>	144.0 microns	100/140

#### MATERIAL/FINISH

- Ferrule, alignment sleeve: zirconia ceramic
- Body, shroud: copper/nickel/zinc alloy
- Spring (socket, not shown): SST/passivated
- Protective cover (socket): BeCu alloy/nickel plated