

ULTRAMINIATURE
Series 80 Mighty Mouse
Fiber optic connection system



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Series 801 Plug with 181-057 pin termini
Series 801 receptacle with 181-075 socket termini

- Three snap-in, rear release fiber optic termini sizes: #23, #20HD, and #16 for use in any Series 80 Mighty Mouse connector
- The smallest mil-aero caliber fiber optic connection system available
- Singlemode and multimode
- Precision ceramic ferrules
- <0.5 dB typical attenuation
- 1 to 130 channels



The perfect marriage of high bandwidth fiber optics with ultra-miniature packaging—half the size of D38999

SIZE #16 FIBER OPTIC TERMINI



Termini Type	Optical Fiber Type	Part Number	A Ferrule I.D.	Fiber Size Core/Cladding
Pin	Multi Mode	181-057-126	126.0 microns	50/125, 62.5/125
	Single Mode	181-057-125	125.5 microns	9/125
Socket	Multi Mode	181-075-126	126.0 microns	50/125, 62.5/125
	Single Mode	181-075-125	125.5 microns	9/125

*Consult factory for additional sizes

Series 801 9-4 with size #16 fiber optic termini vs. equivalent functionality D38999



Series 801 Shell size 9, 4 channel 6 Grams (less termini)
D38999 Series III Shell size 13, 4 channel 27 Grams (less termini)

SIZE #20HD FIBER OPTIC TERMINI



Termini Type	Optical Fiber Type	Part Number	A Ferrule I.D.*	Fiber Size Core/Cladding
Pin	Multi Mode	181-084-126	126.0 microns	50/125, 62.5/125
	Single Mode	181-084-1255	125.5 microns	9/125
Socket	Multi Mode	181-085-126	126.0 microns	50/125, 62.5/125
	Single Mode	181-085-1255	125.5 microns	9/125

*Consult factory for additional sizes

Series 801 8-8 with size #20 HD fiber optic termini vs. equivalent functionality D38999



Series 801 Shell size 8, 8 channel 8 Grams (less termini)
D38999 Series III Shell size 17, 8 channel 40 Grams (less termini)

SIZE #23 FIBER OPTIC TERMINI



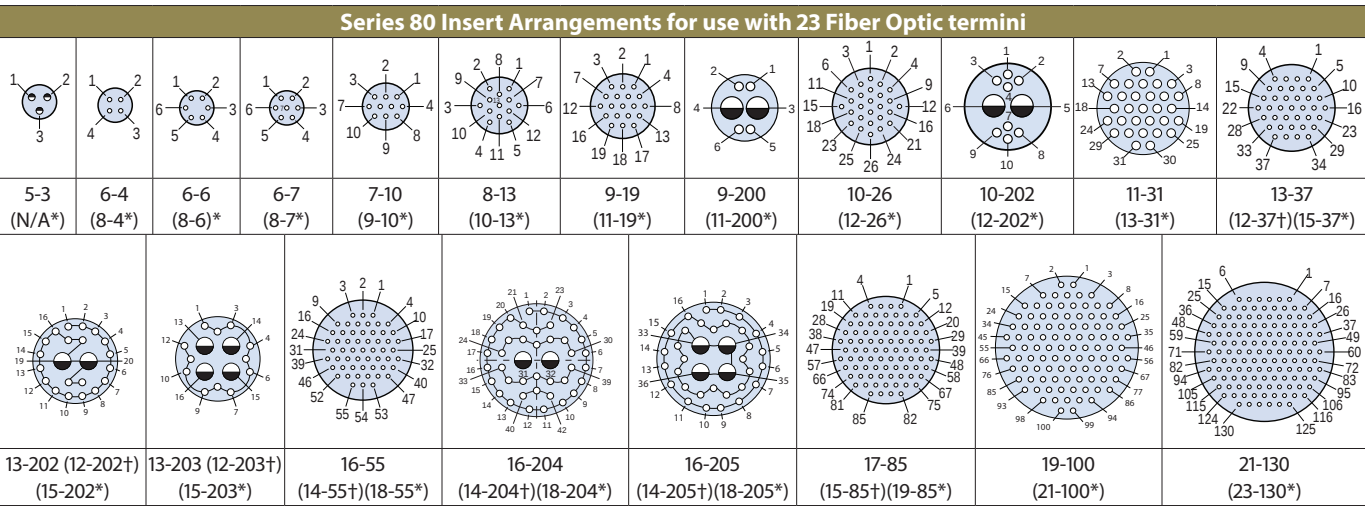
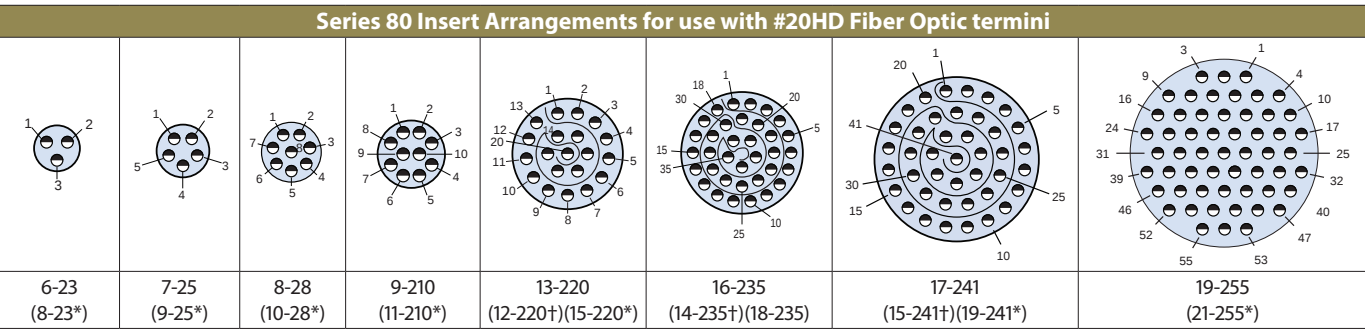
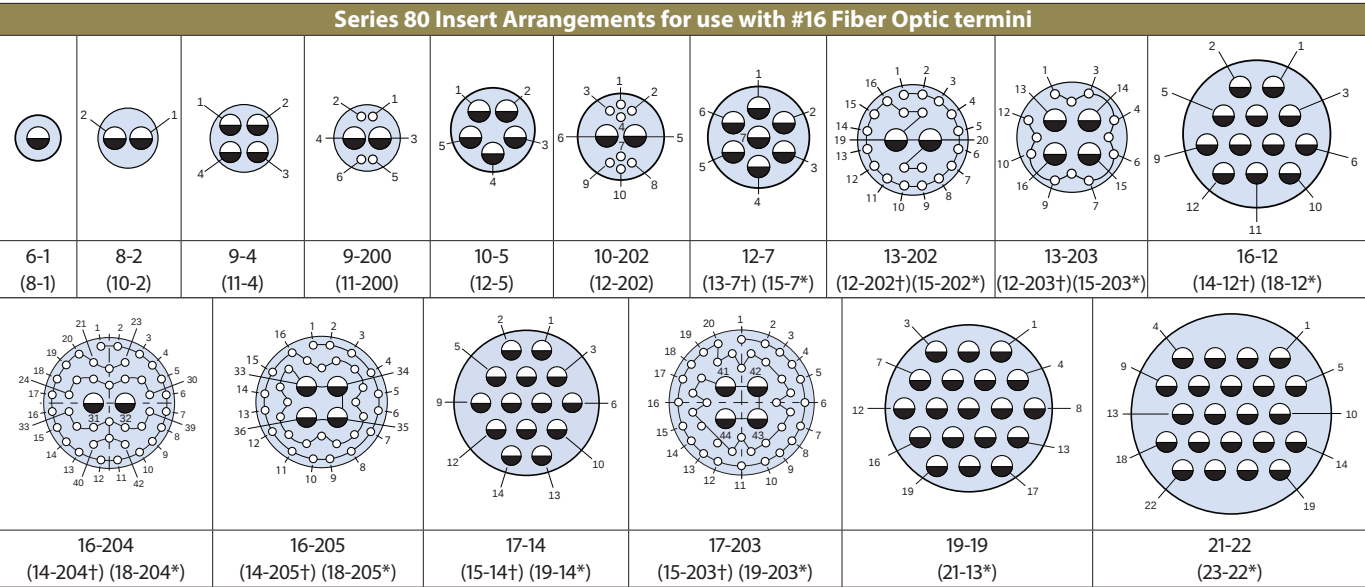
Termini Type	Optical Fiber Type	Part Number	A Ferrule I.D.	Fiber Size Core/Cladding*
Pin	Multi Mode	181-063-126	126.0 microns	50/125, 62.5/125
	Single Mode	181-063-1255	125.5 microns	9/125
Socket	Multi Mode	181-064-126	126.0 microns	50/125, 62.5/125
	Single Mode	181-064-1255	125.5 microns	9/125

*Consult factory for additional sizes

Series 801 6-4 with size #23 fiber optic termini vs. equivalent functionality D38999



Series 801 Shell size 6, 4 channel 5 Grams (less termini)
D38999 Series III Shell size 13, 4 channel 21 Grams (less termini)



Series 801/802 designator (*Series 805 designator) (†Series 802 designator)
See Series 80 Mighty Mouse catalog for connector ordering information. Order connectors less contacts and order fiber optic termini separately. Cavity numbers are mating face view of pin connectors.