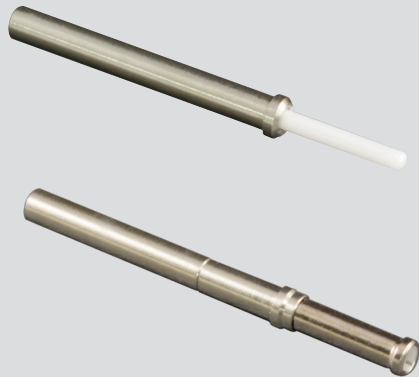
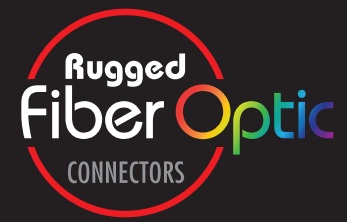


FIBER OPTIC, MICRO MINIATURE CIRCULAR

Series 806

Mil-Aero Connectors

Size #20HD Fiber Optic Termini



Single or multi mode. Ceramic ferrule. 0.5 dB loss. Size 20HD fiber optic termini are compatible with Series 806 connectors with size 20HD contact arrangements. These snap-in, rear release termini feature precision ceramic ferrules for accurate fiber alignment. Typical insertion loss 0.5 dB. Fits 50/125 and 62.5/125 multi mode and 9/125 single mode fiber.

#20HD Fiber Optic Termini for Series 806 Connectors

Termini Type	Optical Fiber Type	Part Number	ØA Ferrule Hole	Fiber Size Core/Cladding
Pin	Single Mode	181-134-1255	125.5 microns	9/125
Pin	Multi Mode	181-134-126	126.0 microns	50/125, 62.5/125
Socket	Single Mode	181-135-1255	125.5 microns	9/125
Socket	Multi Mode	181-135-126	126.0 microns	50/125, 62.5/125

Specifications

- Operating temperature: -55°C to +125°C
Temperature rating depends on the cable and epoxy used.
- Termination method: epoxy/polish
- Mating durability: 500 cycles
- Random vibration: 49.5 Grms, EIA-364-28 Test Condition V. Maximum optical discontinuity 0.5 dB, 50 microseconds.
- Mechanical shock: 300 G, TIA-455-14 Test Condition D. Maximum optical discontinuity 0.5 dB, 50 microseconds.

Construction

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

Termination Tools

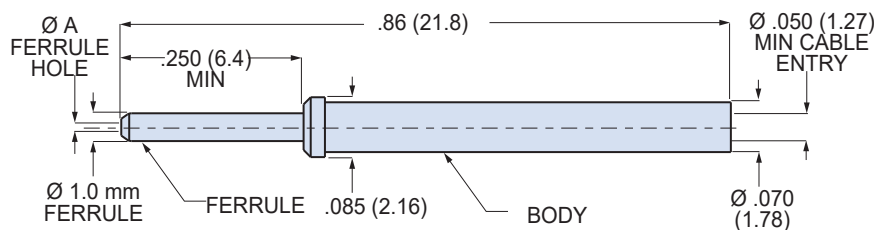
- Polishing pucks

Puck Style	Type	Tool PN
Pin	dry polish	182-056P
	wet polish	182-056PW
Socket	dry polish	182-056S
	wet polish	182-056SW

Assembly Tools

- Plastic insertion/extraction tool: 809-203D
- Metal insertion/extraction tool: 809-203

#20HD Pin Terminus 181-134



#20HD Socket Terminus 181-135

