

PFP LC/APC SINGLEMODE CONNECTOR



Part Number: SM-CON1015-XXXX-X-XXX-X

PRODUCT DESCRIPTION

Precision Fiber Products Inc., manufactures LC Singlemode connectors. They come in a variety of ID bore sizes and performance types.

FEATURES

- Pre-assembled.
- Utilizes precision PC polished zirconia ceramic ferrules
- RJ45 push-pull style housing and latching
- Accommodates 0.9mm, 2mm and 3mm fiber types
- Available with 0.9mm and 3mm boots
- Complies with EIA/TIA 568A, FOCIS 10, IEC 11801 and Telcordia specifications
- Suitable for high-speed production polishing processes
- Non-flammable (UL94 V-0) rated

MECHANICAL SPECIFICATIONS

SINGLEMODE

Family	Connector
Type	LC
End Face	Cone
Operating Temperature	-40° - + 75 °C
ID Bore	80um - 126um

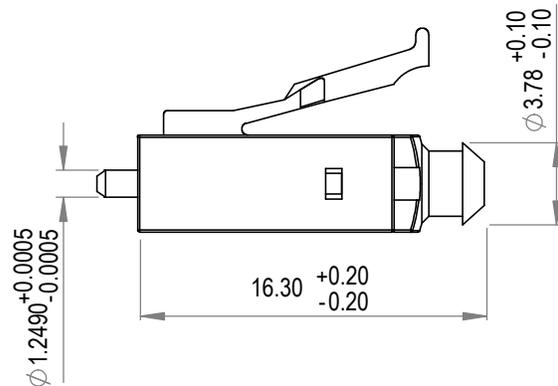
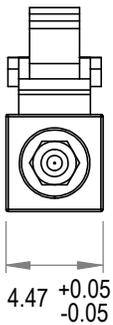
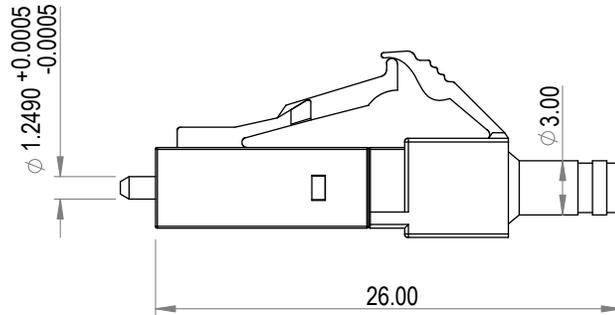
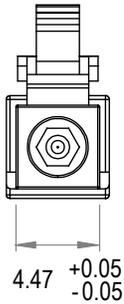


Part	Material	Size
Ferrule	Ceramic Zirconia (ZrO ₂)	-
Body	PEI	-
Boot	TPV	0.9mm, 3mm
Crimp	Aluminum w/HST	2mm
	Aluminum 5053	3mm

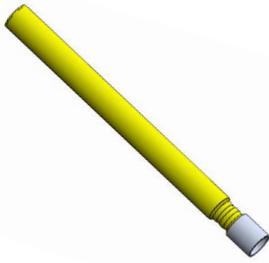
DRAWING SPECIFICATIONS

NOTE:

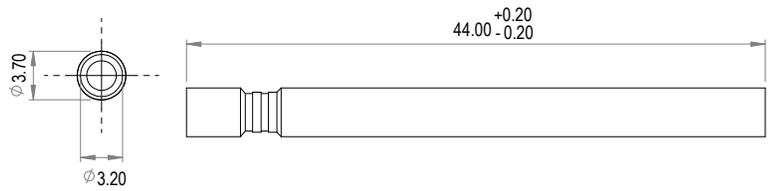
Length from ferrule flange to ferrule tip $4.95^{+0.05}_{-0.00}$



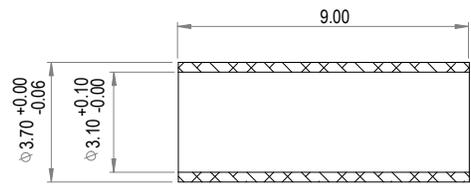
PN: SM-CON1015-XXXX-9



PN: CRP-2LC-YLW
Crimp Hex Size: (0.131)



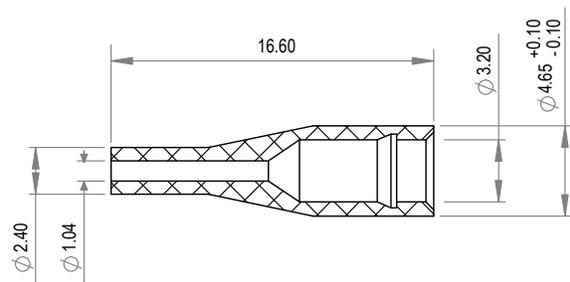
PN: CRP-3LC
Crimp Hex Size: (0.131, 0.128)



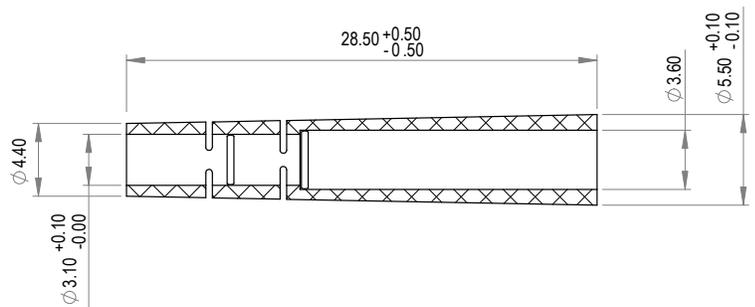
PFP Fiber Optic Crimp Tool
PN: PFP-CT1000



PN: BOT-9LC00-XXX



PN: BOT-3LC00-XXX





CONCENTRICITY TABLE

-XXXX	I.D	Standard			Premium			Spectacular®		
		Min	Max	Concentricity	Min	Max	Concentricity	Min	Max	Concentricity
0800	0.0800	0.0810	0.0830	<1	0.0810	0.0830	<0.5	0.0810	0.0820	<0.5
1250	0.1250	0.1250	0.1260	<1	0.1250	0.1260	<0.5	0.1250	0.1255	<0.5
1255	0.1255	0.1255	0.1265	<1	0.1255	0.1265	<0.5	0.1255	0.1260	<0.5
1260	0.1260	0.1260	0.1270	<1	0.1260	0.1270	<0.5	0.1260	0.1265	<0.5

ORDERING INFORMATION

SM-CON1015-XXXX	-X	-XXX	-X
ID Bore	Boot Size	Boot Color	Performance Type
0800 = 80um	0.9 = 0.9mm	BLK = Black	Blank = Standard
1250 = 125um	03 = 3mm	BLU = Blue	P = Premium
1255 = 125.5um		GRN = Green	E = Spectacular®
1260 = 126um		RED = Red	
		WHT = White	
		BGE = Beige	
		YLW = Yellow	

* [Contact us](#) to request more ID Bore sizes.



Rev.01 Initial Release: RP
Rev.02 Format Updated: OQ

OUR LOCATIONS

