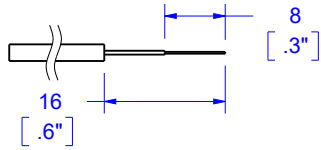


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Jacket Strip Length: 16 mm
Buffer Strip Length: 8 mm

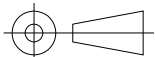
Connector disassembly is not required for installation.

Instructions:

- Strip cable jacket and buffer according to above diagram.
- Slip boot over cable.
- Apply epoxy to inside of flange/ferrule and to bare fiber.
Be careful not to get epoxy between the FC connector body and flange.
- Insert fiber into ferrule.
- Allow epoxy to cure.
- Slip boot over connector to finish installation.
- Cleave and polish fiber.

NOTES:

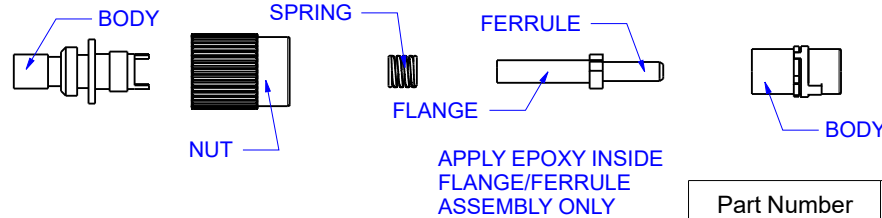
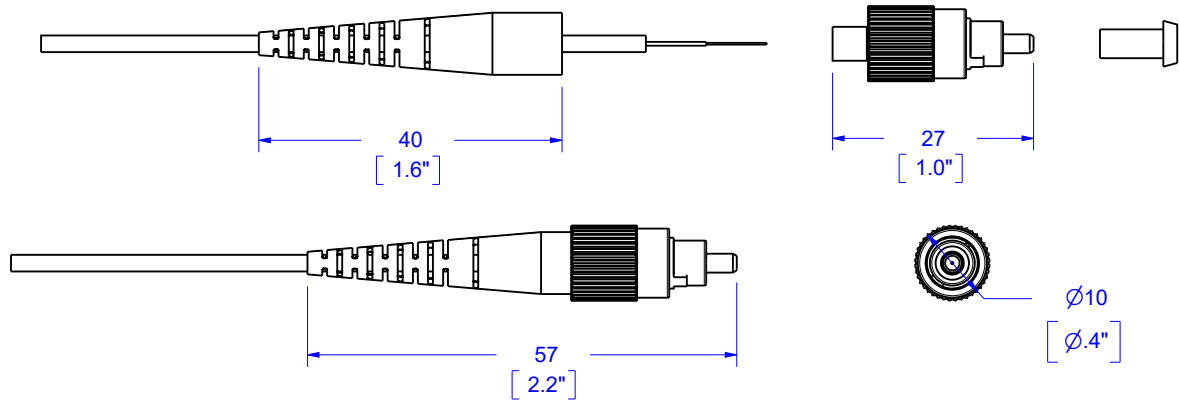
- RoHS compliant (2011/65/EU amendment 2015/863)
- Not EU REACH compliant
- 40 C to 80 C operating temperature
- Suitable for HCS fiber with up to 2.2 mm jacket
- Nickel plated brass body and nut with stainless steel ferrule and polyethylene dust cap
- TIA 604.4 (FOCIS 4) compliant
- Includes black boot
- Custom drilled ferrules for other fiber diameters are available



METRIC

REVISIONS

REV	DESCRIPTION	ECO	DATE	DWN	APVD
A	Initial release		5/6/2022	BB	DH



RECOMMENDED EPOXY:
EPO-TEK 301

Part Number	Hole \varnothing	Hole \odot
51 0554	230 +5/-0 μm	$\varnothing 40 \mu\text{m}$
51 0555	450 $\pm 10 \mu\text{m}$	$\varnothing 19 \mu\text{m}$

UNLESS OTHERWISE SPECIFIED		Industrial Fiber Optics			
DIMENSIONS	MILLIMETERS [IN.]	TEMPE, AZ 85281			
	DIMENSIONS ARE FOR REFERENCE ONLY NO TOLERANCES MAY BE IMPLIED FROM THIS DOCUMENT		NAME FC Connector, HCS		
	PRODUCT	SIZE	SCALE	DOCUMENT NUMBER	REV
	MATERIAL	A	1:1	51 0554	A
	FINISH	DO NOT SCALE DRAWING			
	DRAWN BY B. Bidwell	1 OF 1			
	DATE 5/6/2022				
	CHECKED BY D. Hanson				
	DATE 5/10/2022				