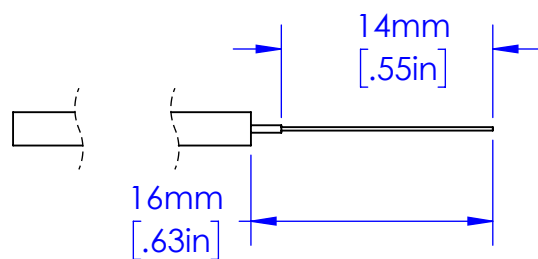


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Connector disassembly is not required for installation.

**Instructions:**

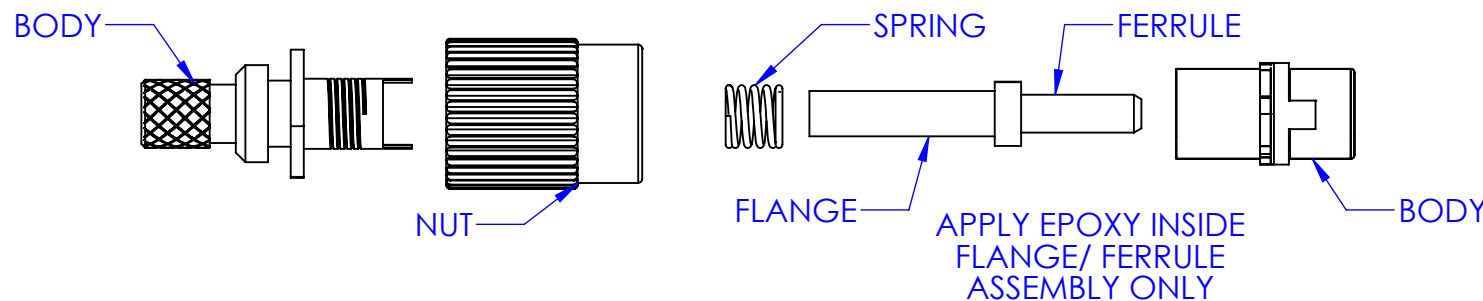
- Strip cable jacket and buffer according to above diagram.
- Slip boot over cable.
- Apply epoxy to inside of flange/ferrule and to bare fiber. Be careful not to get epoxy between the FC connector body and flange.
- Insert fiber into ferrule.
- Allow epoxy to cure.
- Slip boot over connector to finish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

**NOTES:**

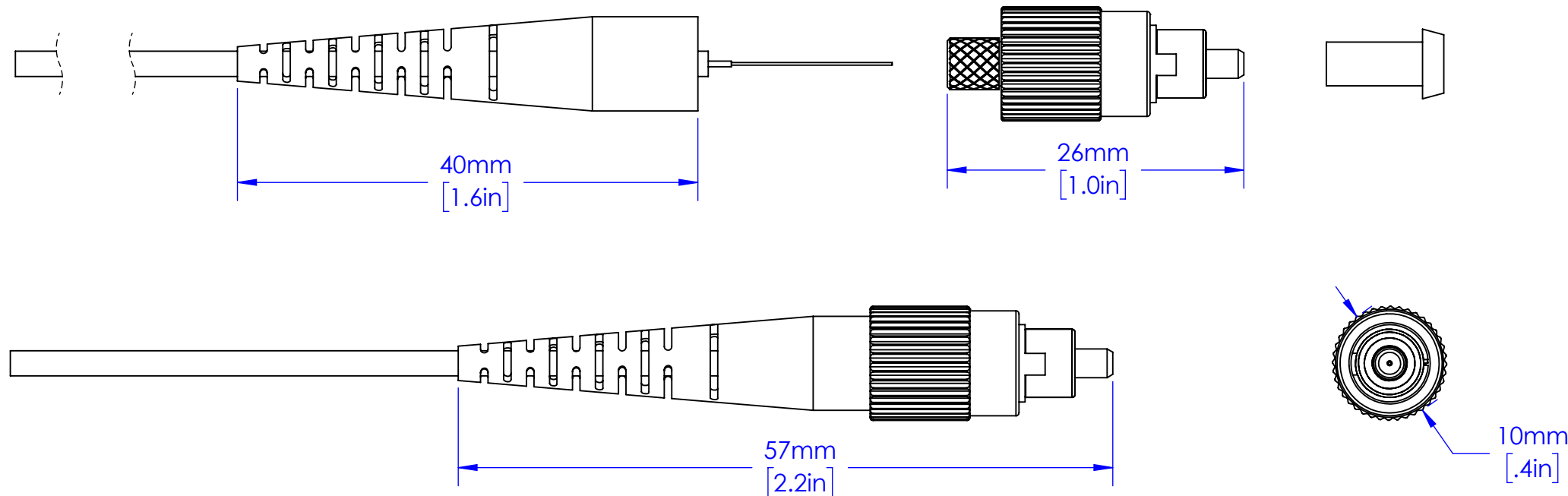
- RoHS compliant.
- Not EU REACH compliant.
- 40°C to +80°C operating temperature.
- Suitable for HCS fiber with up to 2.2 mm jacket.
- Nickel plated brass body and nut with stainless steel ferrule and polyethylene dust cap.
- TIA 604.4 (FOCIS 4) compliant.
- Includes black boot.
- Custom drilled ferrules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

**RECOMMENDED EPOXIES:**

- EPO-TEK 301
- EPO-TEK 1656



REVISIONS					
REV.	DESCRIPTION	ECO	DATE	DWN	APVD
A	Initial release		5/6/2022	BB	DH
B	Updated buffer strip length from 8mm to 14mm		4/2/2026	SA	DH



SURFACE 3.2  
TEXTURE:  $\sqrt{\quad}$

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DIMENSIONS	MILLIMETERS [IN]	UNLESS OTHERWISE SPECIFIED:
0 PLC:	±1.0	Customer:
1 PLC:	±0.3	INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5-2009
2 PLC:	±0.13	MATERIAL
3 PLC:	±0.025	FINISH
4 PLC:	±0.0127	
ANGLE:	±1/2	
APPLICATION		DO NOT SCALE DRAWING

Part Number	Hole $\varnothing$ ( $\mu\text{m}$ )	Hole $\odot$ ( $\mu\text{m}$ )
51 0554	231 +5/ -0	40
51 0555	450 ± 10	19

INDUSTRIAL FIBER OPTICS		
TEMPE, AZ 85281		
TITLE:		
FC Connector, HCS		
SIZE	DWG. NO.	REV
B	51 0554	B
SCALE: 1:2		WEIGHT:
		SHEET 1 OF 1

DIMENSIONS ARE FOR REFERENCE ONLY. NO TOLERANCES MAY BE IMPLIED FROM THIS DOCUMENT.