

2313256-1 ✓ ACTIVE

PRO BEAM EB16

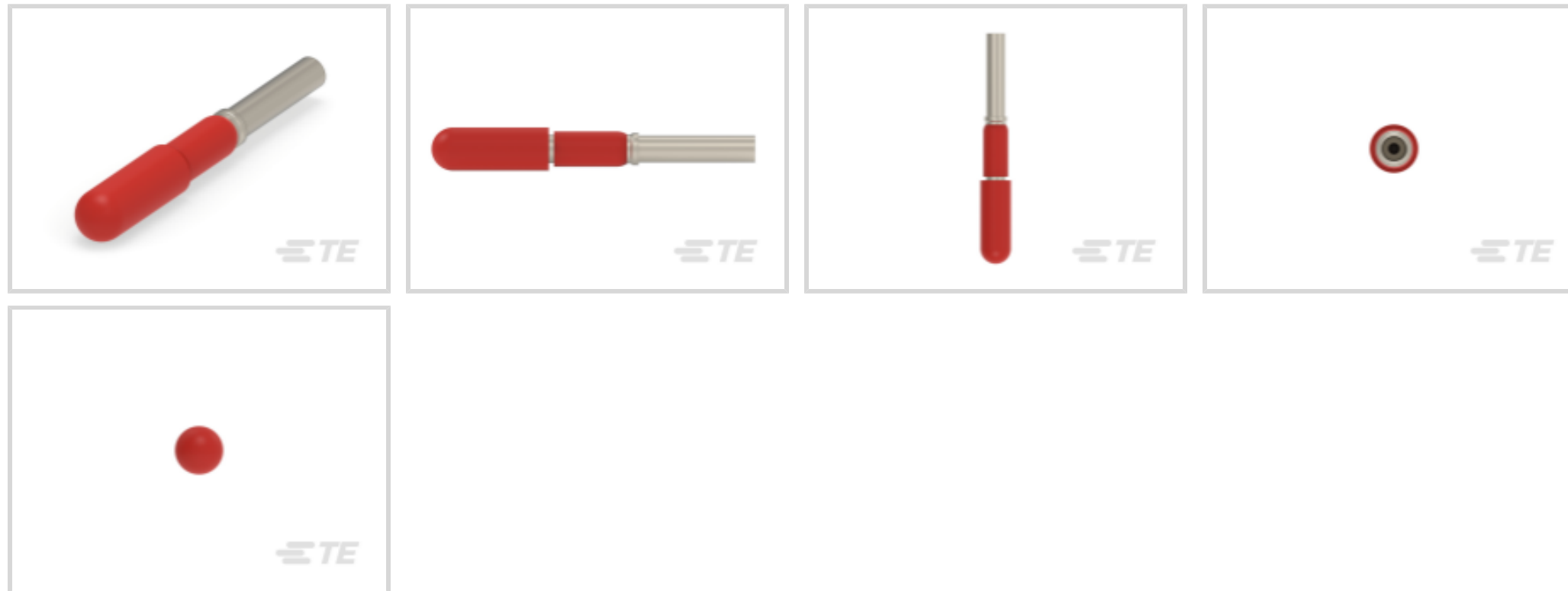
TE Internal #: 2313256-1

Expanded Beam Fiber Optics, Size 16 EB Terminus, Compatible
Fiber Diameter 125.5 μm , Singlemode, PRO BEAM EB16

[View on TE.com >](#)



Fiber Optics > Fiber Optic Connectors > Rugged Fiber Connectors > Expanded Beam Fiber Optics



Fiber Optic Product Type: **Size 16 EB Terminus**

Compatible Fiber Diameter: **125.5 μm**

Fiber Optic Mode: **Singlemode**

Features

Product Type Features

Fiber Optic Product Type	Size 16 EB Terminus
Fiber Optic Mode	Singlemode

Configuration Features

Terminus Type	Socket
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Signal Characteristics

Number of Channels	1
Operating Wavelength	1310 - 1550 nm

Dimensions

Compatible Cable Diameter (Max)	2.1 mm
Compatible Fiber Diameter	125.5 μm

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold



EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JAN 2024 (240)

Candidate List Declared Against: JAN 2024 (240)

SVHC > Threshold:

Pb (3.5% in Brass Alloy)

Article Safe Usage Statements:

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 2313255-1
KIT, EB16-PIN, SM, 125.5 um, 1.6-2.1 mm

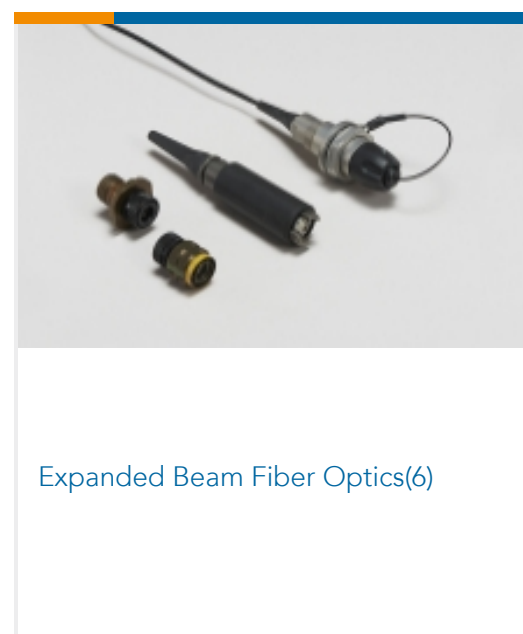


TE Part # 2828502-1
BALL LENS PLUNGER ASSY, EB16 SOCKET

Also in the Series | PRO BEAM EB16

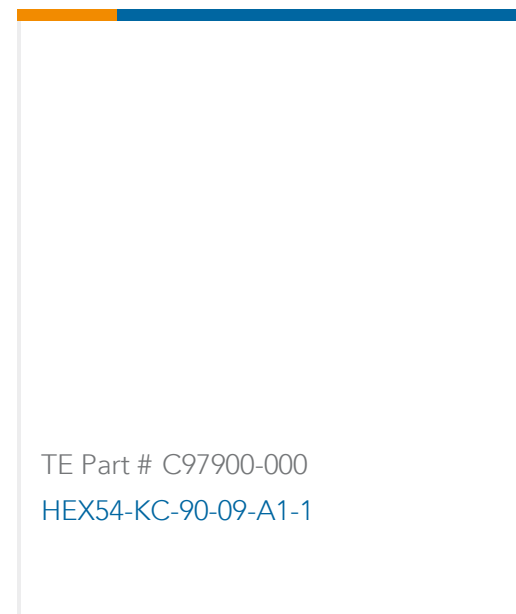
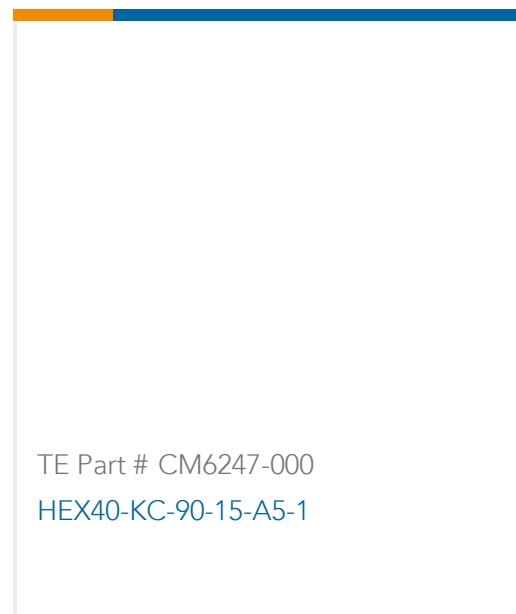


Curing Blocks, Ovens & Sleeves(2)



Expanded Beam Fiber Optics(6)

Customers Also Bought



Documents

Product Drawings

[KIT, EB16 SKT, SM, 125.5 \$\mu\text{m}\$, 1.6-2.1 mm](#)

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2313256-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2313256-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2313256-1_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

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