

6828129-1 ✓ ACTIVE

AMP | FullAXS LC, Sigma SC

TE Internal #: 6828129-1

LC Connectors, Outside Cable Diameter 1.6 – 2 mm, Bag,  
Multimode, Duplex, Tight Jacket, FullAXS LC

[View on TE.com >](#)



Fiber Optics > Fiber Optic Connectors > Standard Fiber Connectors > LC Connectors



Outside Cable Diameter: **1.6 – 2 mm**

Packaging Method: **Bag**

Fiber Optic Mode: **Multimode**

Data Transmission Mode: **Duplex**

Fiber Optic Cable Type: **Tight Jacket**

## Features

### Product Type Features

Connector Type	LC
Product Type	Connector
Pre-Polished	No
Fiber Optic Mode	Multimode
Data Transmission Mode	Duplex
Fiber Optic Cable Type	Tight Jacket

### Configuration Features

Endface Geometry	PC
------------------	----

### Body Features

Connector Color	Beige
Boot Color	Beige
Boot Type	Bend Limiting
Epoxyless	No

### Housing Features

Housing Color	Beige
---------------	-------

### Dimensions

Boot Length	30.5 mm[1.2 in]
Outside Cable Diameter	1.6 – 2 mm



### Operation/Application

SECURE	No
--------	----

### Packaging Features

Packaging Quantity	1
Packaging Method	Bag

### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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>

Also in the Series | [FullAXS LC](#)



Docking Connectors(1)



Fiber Connector Covers & Caps(1)



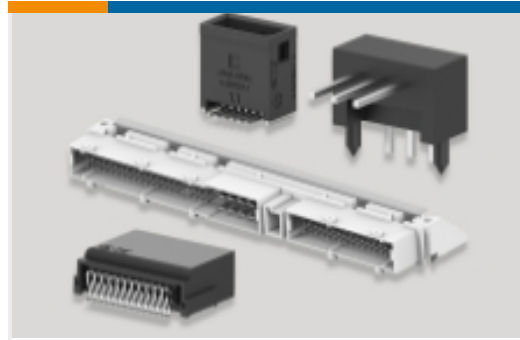
Fiber Optic Patch Cable Assemblies(8)



LC Connectors(4)

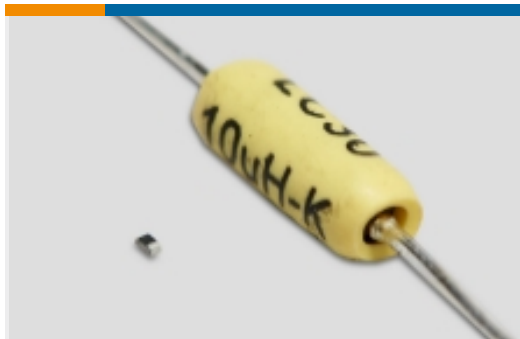


ODVA LC Connectors(3)



PCB Headers & Receptacles(1)

### Also in the Series | Sigma SC



High Frequency & RF Inductors(82)

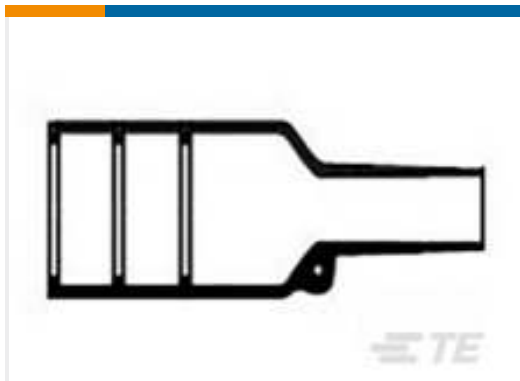


LC Connectors(4)



Printable Tubing(9)

### Customers Also Bought



TE Part #EF9973-000  
202K121-25L/225-0



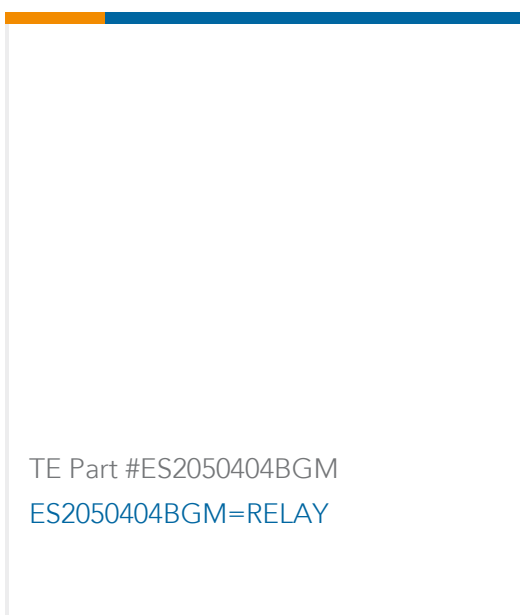
TE Part #6828095-1  
CO KIT, LC, SM, SIM TIGHT



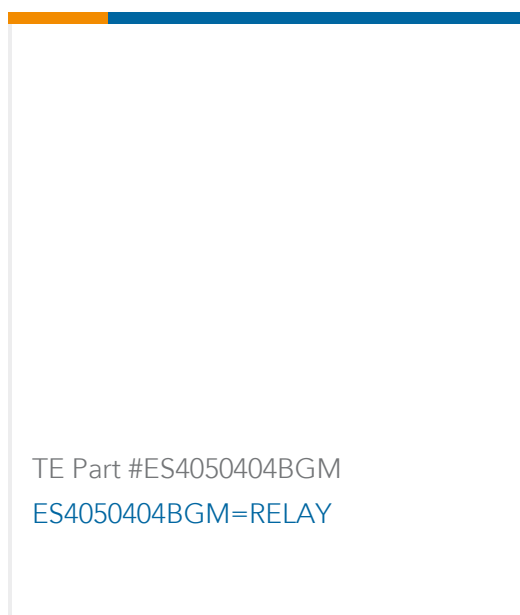
TE Part #6828099-1  
CO KIT, SC, MM, SIM, TGHT



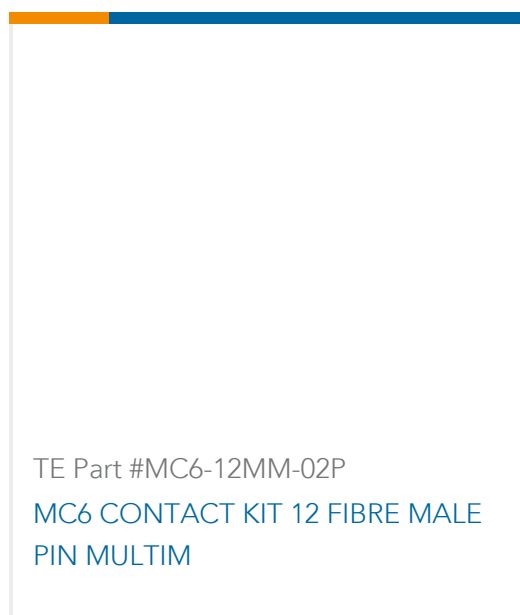
TE Part #ZPF00000000105534  
097-0236-12



TE Part #ES2050404BGM  
ES2050404BGM=RELAY



TE Part #ES4050404BGM  
ES4050404BGM=RELAY



TE Part #MC6-12MM-02P  
MC6 CONTACT KIT 12 FIBRE MALE  
PIN MULTIM



TE Part #5504008-3  
CONN KIT,STC,125UM MM, 3mm



TE Part #6828094-1  
CO KIT, LC, MM, SIM TIGHT



TE Part #5053024047  
RNF-100-1/8-BU-SP

## Documents

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_6828129-1\\_B.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_6828129-1\\_B.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_6828129-1\\_B.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

### Product Environmental Compliance

#### TE Material Declaration

English

### Instruction Sheets

#### Instruction Sheet (U.S.)

English