031-0050-0001 ✔ ACTIVE

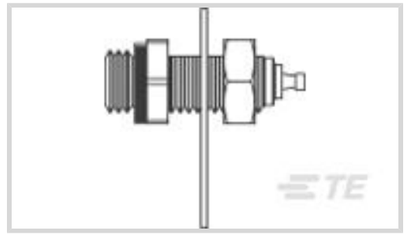
Microdot

TE Internal #: 1466288-1

SMB RF Interface, Receptacle, 50 ohm, Screw, 1 Position, Sealable, Wire & Cable, Panel Mount, -55 – 125 °C, Solder Lug / Turret Pin, Straight, Brass

View on TE.com >

Connectors > RF Connectors > Coax Connectors



RF Interface: **SMB**

RF Connector Style: **Receptacle**

RF Connector Mated Outer Diameter (Approximate): **4.75 mm [.187 in]**

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Screw**

Features

Product Type Features

Connector Shape	Circular
Connector Product Type	Connector Assembly
Connector Seal & Plug Type	Gasket
RF Interface	SMB
RF Connector Style	Receptacle
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω

Body Features

Cable Connector Orientation	Straight
Body Material	Brass
Body Material Finish	Plated
Body Plating Material	Silver

Contact Features

RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Wire & Cable	Solder Lug, Turret Pin

Mechanical Attachment

Panel Mount Feature Type	Jam Nut
RF Connector Coupling Mechanism	Screw
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Screw

Dimensions

Panel Thickness (Recommended)	4.06 mm[.16 in]
RF Connector Mated Outer Diameter (Approximate)	4.75 mm[.187 in]

Usage Conditions

Operating Temperature Range	-55 – 125 °C

Packaging Features

Packaging Method	Package

Other

Grade	Commercial
Dielectric Material	PTFE

Product Compliance

For compliance documentation, visit the product page on TE.com>

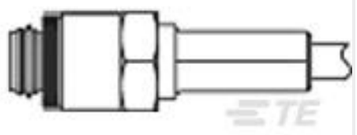
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (3.7% in Component Part) **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 Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR

	/CFR/PVC Free
Solder Process Capability	Pin-in-Paste capable to 260°C

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 # 1467952-1
131-0134-0001

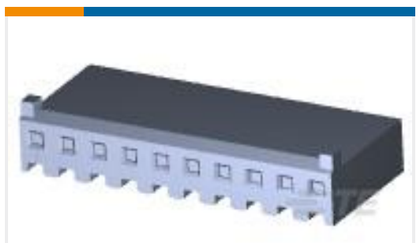
Customers Also Bought



TE Part #499252-2
020 STRAIN RELIEF A-L RCPT



TE Part #3-640707-1
SL 156 RECEPTACLE LP



TE Part #1-770849-0
10P SL156 HSG W/LCK RMP & TABS



TE Part #3-1761603-1
IDC LOW PRO HDR 34P VERT BLUE



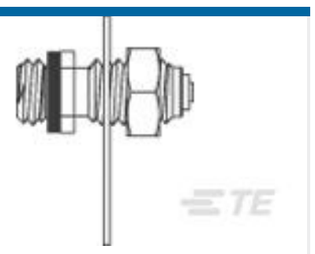
TE Part #120591-1
TOP LOAD BATTERY



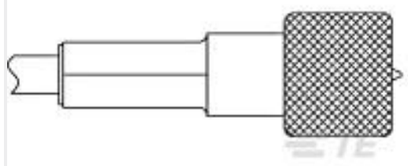
TE Part #CLP-150
LINEAR POT, IP65, 150MM RANGE



TE Part #SP3-4
STRING POT 4.75 INCH RANGE



TE Part #1466287-1
031-0003-0001



TE Part #1466328-1
132-0115-0002=PLUG,STR GC-50



TE Part #394897-E
SRCA 1,27 4 F 1 IDC22 137 E1 094 1,27 TR

Documents

Product Drawings

031-0050-0001

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1466288-1_R.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1466288-1_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1466288-1_R.3d_stp.zip

English

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Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

MPT100C18RF RH73H2A40MKTN 1743455-2 175977-2 1903112-2 1969656-1 2-292161-3 2380312-2 1-962915-1 3430B2F51RTDF TE50BR39J 2377783-2 CPF0402B37K4E1 ROX05SJ18R SBCHE64R7K 1393431-1 141991-2 3631B101LL CRGCQ2010J3K3 U5254-000005-030PA 1-794222-0 2005330-1 917696-1 SBCHE154R7K 2834055-1 3-1393225-0 SMW73R0JT 2310537-1 650075-000 936348-1