1-5645986-1 ✔ ACTIVE

TE Internal #: 1-5645986-1

7.37 mm [.29 in] Socket Length, 1.57 mm [.062 in] PCB Hole, Bullet Nose, .326 – .518 mm² Wire, 22 – 20 AWG, Cable-to-Board, Pin Sockets

View on TE.com >

Connectors > Socket Connectors > Pin Sockets > Mini Spring Sockets: Bullet Nose, 5A



Socket Length: **7.37 mm [.29 in]**

PCB Hole Diameter: **1.57 mm [.062 in]**

Socket Sleeve Style: **Bullet Nose**

Wire Size: **22 – 20 AWG**

All Mini Spring Sockets: Bullet Nose, 5A (6)

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Socket Sleeve Style	Bullet Nose
Connector System	Cable-to-Board
Sealable	No

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Body Features

Sleeve Plating Material	Tin
Sleeve Material	Copper

Contact Features

Contact Spring Plating Material	Tin
Contact Base Material	Beryllium Copper
Contact Mating Area Plating Material Thickness	2.54 µm
Contact Spring Plating Thickness	2.54 µm[30 µin]

Contact Current Rating (Max)	5 A

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
Insertion Method	Hand/Semi-Automatic/Automatic
Termination Method to Wire & Cable	Solder

Dimensions

PCB Thickness (Recommended)	.79 – 3.18 mm[.031 – .125 in]
Socket Length	7.37 mm[.29 in]
PCB Hole Diameter	1.57 mm[.062 in]
Wire Size	22 – 20 AWG
Mating Pin Diameter Range	.71 – .84 mm[.028 – .033 in]

Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]

Operation/Application

Solder Process Feature	Anti-Flux
Circuit Application	Power & Signal

Packaging Features

Packaging Method	Carrier Tape, Reel
Packaging Quantity	10000

Other

Spring Material	Beryllium Copper

Product Compliance

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

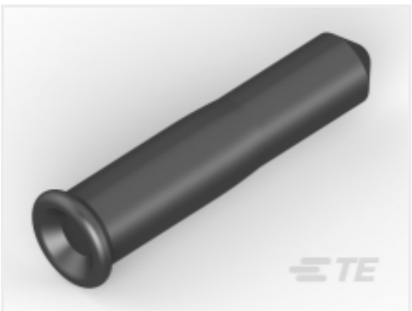
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (2% in 4735234317) Article Safe Usage Statements:

	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 < 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 # 1-5645986-2
MSS ONSTRIP SERIES3 BULLETNOSE

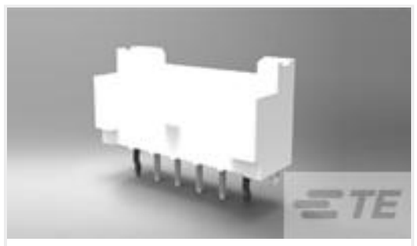
Customers Also Bought



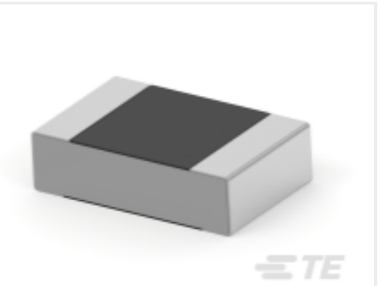
TE Part #4-1625867-0
RP 1J 0.166W 15R8 0.1% 25PPM 1K RL



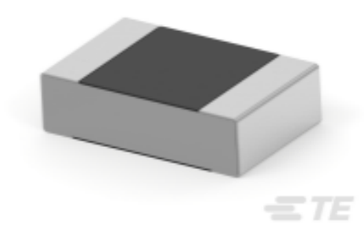
TE Part #1-2118651-0
RF CA,UMCC GEN1-GEN1,1.13MM CABLE,L60MM



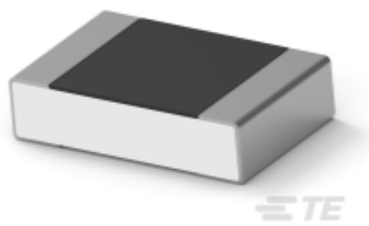
TE Part #2132230-2
EP2.5 Shrouded HDR ASSY 2P VER



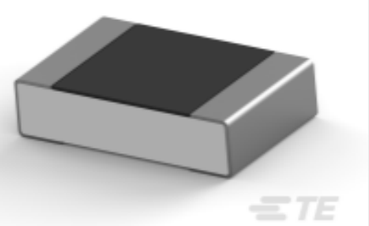
TE Part #4-2176238-9
CPF A 0805 10K 0.1% 25PPM 5K RL



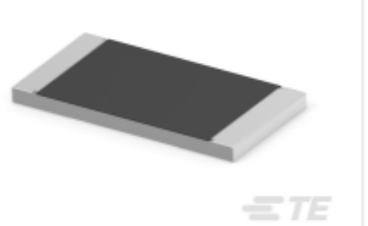
TE Part #6-2176238-8
CPF A 0805 200K 0.1% 25PPM 5K RL



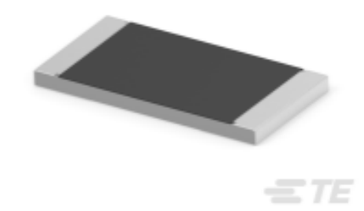
TE Part #2176373-6
RQ 0805 11R3 0.1% 10PPM 1K RL



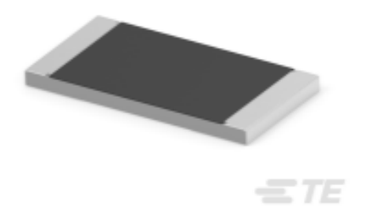
TE Part #4-2176380-5
RQ 0805 3K32 0.1% 10PPM 5K RL



TE Part #3-2176530-1
3504G 3A 1K13 1% 1K RL



TE Part #9-2176530-5
3504G 3A 5K23 1% 1K RL



TE Part #6-2176531-1
3504G 3A 24K9 1% 1K RL

Documents

Product Drawings

MSS ONSTRIP SERIES3 BULLETNOSE

English

CAD Files

Customer View Model

ENG_CVM_1-5645986-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_1-5645986-1_O.3d_stp.zip

English

Customer View Model

ENG_CVM_1-5645986-1_O.2d_dxf.zip

English

3D PDF

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English