1-645986-1 SUPERSEDED

TE Internal #: 1-645986-1

TE Internal Description: MSS ONSTRIP SERIES3 BULLETNOSE

Mini Spring Sockets: Bullet Nose, 5A

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: **.326 – .518 mm²**

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

Features

Dimensions

Socket Length	7.37 mm[.29 in]
PCB Hole Diameter	1.57 mm[.062 in]
Wire Size	.326 – .518 mm²
Mating Pin Diameter Range	.71 – .84 mm[.028 – .033 in]
PCB Thickness (Recommended)	.79 – 3.18 mm[.031 – .125 in]

Product Type Features

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

Contact Features

Contact Current Rating (Max)	5 A
Contact Spring Plating Material	Tin
Contact Base Material	Beryllium Copper
Contact Mating Area Plating Material Thickness	2.54 µm
Contact Spring Plating Thickness	3.81 µm[30 µin]

Operation/Application

Circuit Application	Power & Signal
Solder Process Feature	Anti-Flux

Other

EU ELV Compliance	Not Compliant
Spring Material	Beryllium Copper

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Body Features

Sleeve Plating Material	Tin
Sleeve Material	Copper

Termination Features

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

Packaging Features

Packaging Method	Carrier Tape, Reel
Packaging Quantity	10000

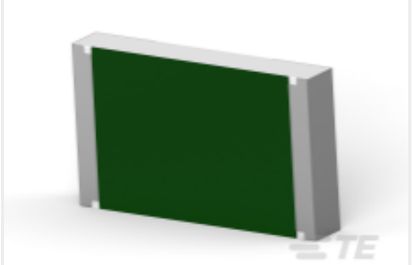
Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
EU ELV Directive 2000/53/EC	Not Compliant
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: DEC 2010 (44) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Pin-in-Paste capable to 260°C

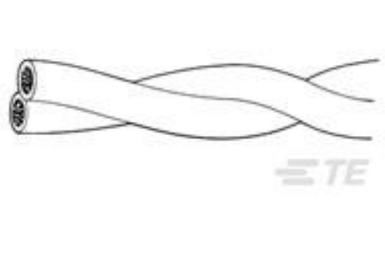
numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Customers Also Bought



TE Part #7-2176401-4
3540 1R8 5%

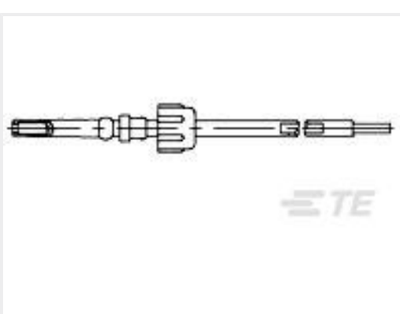
TE Part #3-1617119-9
J1MSCDD-12XP = M39016/26-035P



TE Part #048853-000
82A0121-26-0/9

TE Part #YDTS20W17-08AAV001
RECP ASSY

TE Part #YDTS24W21-35AAV001
RECP ASSY



TE Part #867938-1
LGH 1/2L SGL END LEAD ASY

TE Part #1-1617163-3
JMACDDG-26XL = M39016/20-084L

TE Part #YDL60H-22-55P6V001
HERM RECP

Documents

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1-645986-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_1-645986-1_E.3d_stp.zip

English

Customer View Model

ENG_CVM_1-645986-1_E.2d_dxf.zip

English

Product Specifications

Application Specification

English