T2031001040-000 ✔ ACTIVE

TE Internal #: T2031001040-000

Pin Contact, Silver (Ag), Locking Spring Contact Retention, 12 AWG, Crimp, Copper Alloy, Power & Signal, -40 – 125 °C [-40 – 257 °F]

View on TE.com >

Connectors > Contacts > Connector Contacts > BPSC Stacked Hybrid Connector: Male Female Contact, 7-12 AWG







Contact Type: **Pin**

Contact Mating Area Plating Material: **Silver (Ag)**

Wire Contact Termination Area Plating Material: **Silver**

Contact Retention Type Within Housing: **Locking Spring**

Wire Size: **12 AWG**

All BPSC Stacked Hybrid Connector: Male Female Contact, 7-12 AWG (6)

Features

Product Type Features

Discrete Wire Type	Stranded

Electrical Characteristics

Contact Resistance	5 mΩ

Packaging Features

Packaging Method	Bag & Box

Contact Features

Contact Underplating Material	Copper or Nickel
Contact Shape & Form	Rounded
Contact Length	23.3 mm
Barrel Type	Closed
Contact Diameter	4.5 mm
Contact Type	Pin
Contact Mating Area Plating Material	Silver (Ag)

Wire Contact Termination Area Plating Material	Silver
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	20 A

Mechanical Attachment

Contact Retention Type Within Housing	Locking Spring

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Dimensions

Wire Size	12 AWG

Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Circuit Application	Power & Signal

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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 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.

Compatible Parts



TE Part # T2220002040-001
SCEF2.5-4.0



TE Part # T2220002040-000
SCEF2.5-4.0



TE Part # T2100182201-000
BPSC-12/2/4-F



TE Part # T2100182101-000
BPSC-12/2/4-M

Customers Also Bought



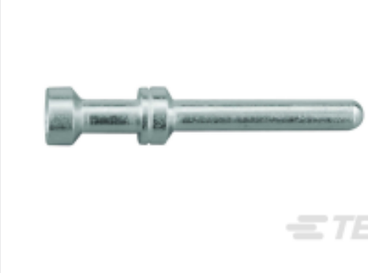
TE Part #T0931000408-000
M4 STAINLESS STEEL SCREW,FLAT HEAD



TE Part #CAT-LS0-BMFC
BPSC Stacked Hybrid Connector: Male Female Contact, 7-12 AWG



TE Part #T2100182101-000
BPSC-12/2/4-M



TE Part #T2030001040-000
CEM-4.0



TE Part #T2100182201-000
BPSC-12/2/4-F



TE Part #T2220002040-000
SCEF2.5-4.0

Documents

Product Drawings

MCEM-4.0

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_T2031001040-000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_T2031001040-000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_T2031001040-000_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

Bess Stacked Hybrid Connector

Bess Stacked Hybrid Connector

English

Product Specifications

Application Specification

English