2-382811-1 ✔ ACTIVE

AMP

TE Internal #: 2-382811-1

Board-to-Board Jumpers & Shunts, Economy, Open Top, Board-to-Board, 2 Position, .1 in [2.54 mm] Centerline, Printed Circuit Board, Signal

View on TE.com >

Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Jumpers & Shunts

Shunt Type: **Economy**

Shunt Style: **Open Top**

Connector System: **Board-to-Board**

Number of Positions: **2**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	2

Electrical Characteristics

Insulation Resistance	1000 MΩ

Body Features

Handle	Without

Contact Features

Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Contact Mating Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Shunt Type	Economy
Shunt Style	Open Top
Contact Current Rating (Max)	3 A

Housing Features

Housing Material	Polyester - GF

Housing Color	Black
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Product Height	6.35 mm[.25 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

CSA Certified	Yes
UL Rating	Recognized
UL Flammability Rating	UL 94V-0

Packaging Features

Jumper & Shunt Packaging	Breakaway Strip of 10 Pieces
Packaging Quantity	1500
Packaging Method	Box

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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

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 # 5-146282-2
02 MODII HDR SRST B/A .100CL

TE Part # 5-146278-2
02 MODII HDR SRST B/A .100CL

TE Part # 5-146274-2
02 MODII HDR SRST B/A .100CL

Customers Also Bought

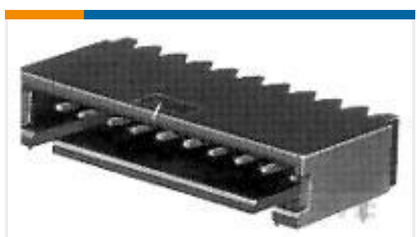
TE Part #42799-1
187 FASTON REC 20-16 AWG BR

TE Part #3-641148-6
06P MTA156 ASSY 18AWG ORA LF

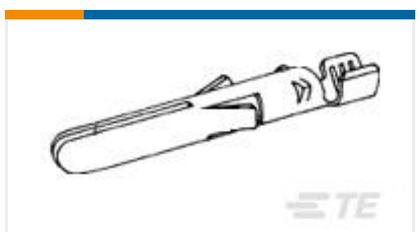
TE Part #6-2176326-0
CRGP 0603 820K 1%

TE Part #3-2176305-0
RP 1E 0.1W 215R 0.1% 25PPM 5K RL

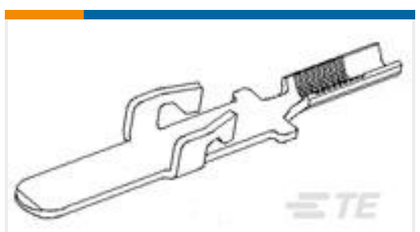
TE Part #2176369-4
RQ 0603 43R2 0.1% 10PPM 5K RL



TE Part #6-103361-0
12 MODII HDR SRRA SHRD LF



TE Part #62505-1
PIN 130 22-18 AWG .0157 X 1.020 BR



TE Part #1217029-1
CONTACT AMVAR 125 BLDE 020TPBR

Documents

Product Drawings

SHUNT, ECON, PHBRSN, BLACK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-382811-1_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-382811-1_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-382811-1_P.3d_stp.zip

English

Product Specifications

Product Specification

English

Product Environmental Compliance

MD_2-382811-1_0425201857_dmtec

English

MD_2-382811-1_0425201857_dmtec

English