5-2041390-1 × OBSOLETE

TE Internal #: 5-2041390-1

TE Internal Description: 0.3 FPC 51P ZIF BC G/F

View on TE.com >

Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > FPC Connectors



Centerline (Pitch): **.3 mm [.012 in]**

PCB Mount Orientation: **Right Angle**

Contact Mating Location: **Bottom**

Termination Method to PCB: **Surface Mount**

FPC Actuator Type: **Front Flip-Lock**

Features

Product Type Features

Connector & Contact Terminates To	Flexible Printed Circuit (FPC), Printed Circuit Board
Connector Product Type	Connector Assembly
Connector System	Flex-to-Board
PCB Connector Type	PCB Mount Receptacle
FPC Actuator Type	Front Flip-Lock

Configuration Features

Compatible With Wire & Cable Type	FFC, FPC
Number of Rows	1
PCB Mount Orientation	Right Angle
Number of Positions	51

Electrical Characteristics

Operating Voltage	30 VDC

Body Features

Primary Product Color	Black
Actuator Color	Black

Contact Features

Contact Mating Area Plating Material Thickness	.025 µm[.984 µin]
Contact Current Rating (Max)	.2 A
Contact Shape & Form	Single Beam

PCB Contact Termination Area Plating Material Thickness	.025 µm[.984 µin]
Contact Layout	Staggered
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Gold
Contact Type	Socket
Contact Mating Location	Bottom
Contact Mating Area Plating Material	Gold (Au)

Termination Features

Termination Post & Tail Length	.65 mm[.026 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

PCB Mount Retention	With
PCB Mount Retention Type	Solder Peg
Mating Alignment	With
PCB Mount Alignment	Without

Housing Features

Housing Material	LCP
Centerline (Pitch)	.3 mm[.012 in]

Dimensions

Accepts Flex Cable Thickness	.2 mm[.008 in]
Connector Width	3.5 mm[.138 in]
Connector Height	1 mm[.039 in]
Connector Length	16.8 mm[.661 in]

Operation/Application

Circuit Application	Signal

Identification Marking

Circuit Identification Feature	Without

Packaging Features

Packaging Quantity	4500
Packaging Method	Tape

Product Compliance

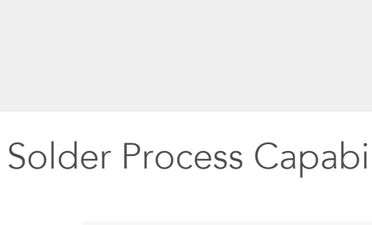
For compliance documentation, visit the product page on TE.com>

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 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

Product Compliance Disclaimer

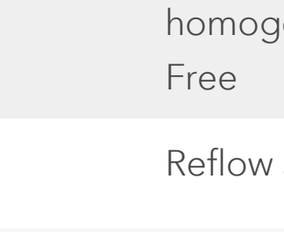
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

Customers Also Bought

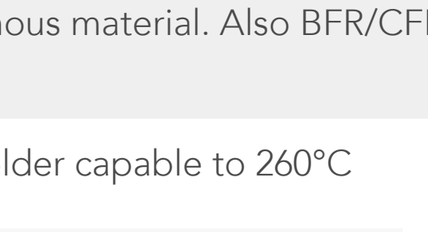


TE Part #5-146281-6
06 MODII HDR SRST B/A .100CL

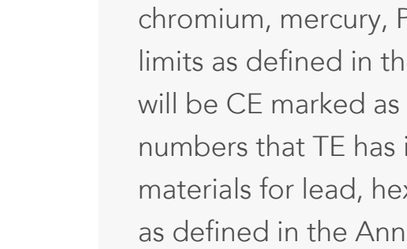
TE Part #282845-3
TERM-BLOK,PCB MNT,90DG,3P,7.62



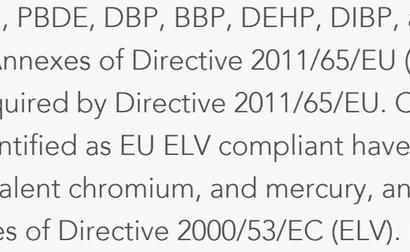
TE Part #5-520315-3
TRIOMATE ASSY V 3P L=3.556LDFR



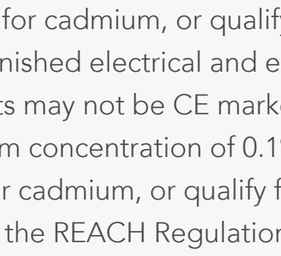
TE Part #2-1445100-8
MICRO MNL HDR ASSY S/ROW LF



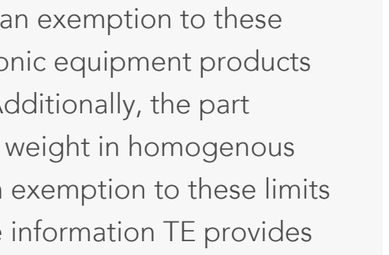
TE Part #1-1734248-1
1.0 FPC, ZIF V/T, SMT, 11P



TE Part #2118717-2
STD SHIELD COVER, CRS-26.71X26.71X2.00MM



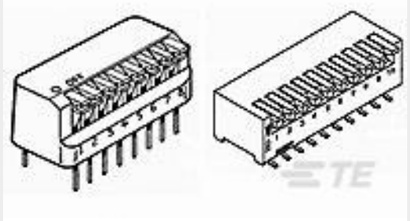
TE Part #3-2176325-1
CRGP 0402 3K3 1%



TE Part #3-2176325-8
CRGP 0402 12K 1%



TE Part #2-1734592-9
FPC CONN. 0.5MM PITCH B/C, 29P



TE Part #1-5435802-7
RIGHT ANGLE DIP SW 6 P SEALED

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_5-2041390-1_C.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-2041390-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-2041390-1_C.3d_stp.zip

English

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

Datasheets & Catalog Pages

Flexible Printed Circuit Connectors - FPC (Virtual Sample Kit)

English

8-1773459-2_Fine_Pitch_FPC_conn_QRG

English

Product Specifications

Product Specification

English