4-2328724-5 ✔ ACTIVE

FPC

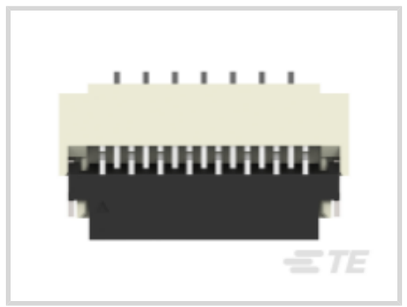
TE Internal #: 4-2328724-5

.3 mm Centerline, Zero Insertion Force (ZIF), Right Angle, Surface Mount, Front Flip-Lock Actuator, Gold Flash, 45 Position, FPC Connectors

View on TE.com >

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







Centerline (Pitch): **.3 mm**

Mating Retention Type: **Zero Insertion Force (ZIF)**

PCB Mount Orientation: **Right Angle**

Contact Mating Location: **Bottom**

Termination Method to PCB: **Surface Mount**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector Product Type	Connector Assembly
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board
FPC Actuator Type	Front Flip-Lock

Configuration Features

Compatible With Wire & Cable Type	FFC, FPC
Number of Rows	2
PCB Mount Orientation	Right Angle
Number of Positions	45

Electrical Characteristics

Operating Voltage	30 VAC

Body Features

Actuator Color	Black

Primary Product Color	Natural

Contact Features

Contact Layout	Inline
Contact Type	Socket
Contact Shape & Form	Standard Flat
PCB Contact Termination Area Plating Material	Gold
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	.5 A
Contact Mating Location	Bottom
Contact Mating Area Plating Material	Gold Flash

Termination Features

Termination Method to PCB	Surface Mount

Mechanical Attachment

Mating Alignment	With
Mating Retention Type	Zero Insertion Force (ZIF)

Housing Features

Housing Material	LCP (Liquid Crystal Polymer)
Centerline (Pitch)	.3 mm

Dimensions

Accepts Flex Cable Thickness	.2 mm[.008 in]
Connector Height	1 mm[.039 in]

Usage Conditions

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

Packaging Features

Packaging Method	Tape & Reel

Product Compliance

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

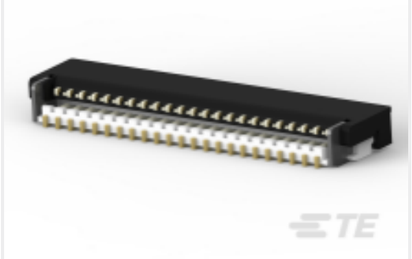
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold

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

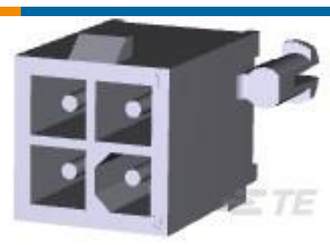
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 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 # 1-2040832-8
EMBOSS TAPING 0.25FPC BF-L-1.3

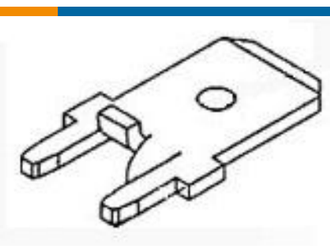
Customers Also Bought



TE Part #1-770874-0
04P MINI UMNL HDR ASSY SN LF



TE Part #3-644615-4
04P MTA156 POL HDR ASSY LF



TE Part #1217136-1
250 FASTON,PCB TAB,TNBR



TE Part #964204-1
STD-POW-TIM KONTAKT



TE Part #175150-2
AMP UNIVE. POWER CONN TAB CONT



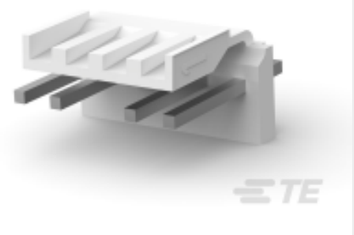
TE Part #1744429-4
3.96 EP HDR ASSY 4P W/PEGS, GW



TE Part #282832-2
TERMI-BLOK PIN HEAD 180 2P. 5



TE Part #1-2328724-3
13PIN 0.3MMP FPC CONNECTOR, FRONT FLIP



TE Part #3-647071-5
05P MTA156 HDR ASSY W/O#3



TE Part #1649222-1
OJE-SS-112DM,801

Documents

Product Drawings

45PIN 0.3MMP FPC CONNECTOR,FRONT FLIP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-2328724-5_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-2328724-5_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-2328724-5_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

1-1773959-7-FPC-Connectors-CN

English

Product Specifications

Product Specification

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

175977-2 3430B2F51RTDF 917696-1 SBCHE64R7K SMW73R0JT 3631B101LL CRGCQ2010J3K3 TE50BR39J 1-794222-0 2310537-1 936348-1 CPF0402B37K4E1 141991-2 SBCHE154R7K U5254-000005-030PA MPT100C18RF 1393431-1 1743455-2 1903112-2 1969656-1 2-292161-3 2834055-1 650075-000 1-962915-1 2005330-1 3-1393225-0 2377783-2 2380312-2 RH73H2A40MKTN ROX05SJ18R