

84533-4 ✓ ACTIVE

FPC

TE Internal #: 84533-4

FPC Connectors, Flex-to-Board, 4 Position, 1.25mm [.049in]

Centerline, Non-ZIF, Right Angle, Through Hole - Solder,

Connector Height 4.8 mm [.189 in]

[View on TE.com >](#)



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



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

Number of Positions: **4**

Centerline (Pitch): **1.25 mm [.049 in]**

Insertion Force Type: **Non-ZIF**

PCB Mount Orientation: **Right Angle**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector Product Type	Connector Assembly
Connector System	Flex-to-Board
Insertion Force Type	Non-ZIF
Sealable	No
Connector & Contact Terminates To	Flexible Printed Circuit (FPC), Printed Circuit Board

Configuration Features

Compatible With Wire & Cable Type	FFC, FPC
Number of Rows	1
Number of Positions	4
PCB Mount Orientation	Right Angle

Electrical Characteristics

Operating Voltage	50 VAC
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Contact Features

Contact Layout	Staggered Type A
PCB Contact Termination Area Plating Material Thickness	.8 μm [31.49 μin]
Contact Type	Socket
Contact Mating Area Plating Material Thickness	.8 μm [31.49 μin]
PCB Contact Termination Area Plating Material Finish	Bright
Contact Shape & Form	Single Beam
Contact Mating Area Plating Material Finish	Bright
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Mating Location	Top
Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	1 A

Termination Features

Termination Post & Tail Length	3.2 mm[.126 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Mating Alignment	With
PCB Mount Retention Type	Kinked Solder Tails
PCB Mount Alignment	With
PCB Mount Retention	With
Connector Mounting Type	Board Mount

Housing Features

Housing Material	PBT GF
Housing Color	White
Centerline (Pitch)	1.25 mm[.049 in]

Dimensions

Connector Length	8.75 mm[.344 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	4.8 mm[.189 in]
Connector Width	8.8 mm[.346 in]
Accepts Flex Cable Thickness	.3 mm[.012 in]



Usage Conditions

Operating Temperature Range	-40 – 85 °C, -40 – 85 °C[-40 – 185 °F][–40 – 185 °F]
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Operation/Application

Circuit Application	Signal
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Identification Marking

Circuit Identification Feature	With
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Packaging Features

Packaging Quantity	380
Packaging Method	Tray

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: JAN 2020 (205) Candidate List Declared Against: JAN 2019 (197) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2019 (197)
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

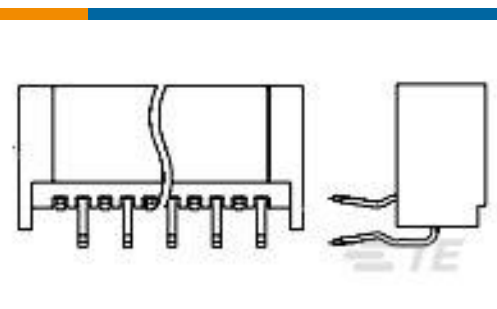
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 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 Model / Part # 84534-4
1.25MM FFC POST PLATED V 4P



TE Model / Part # 1734803-4
FPC Non Zif 1.25mm 4P R/A

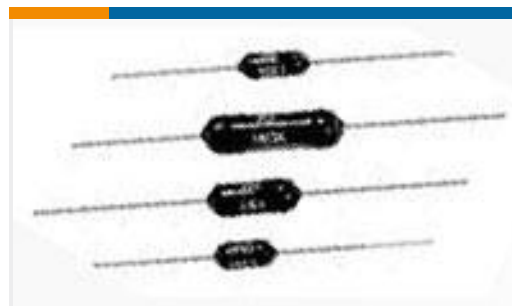
Customers Also Bought



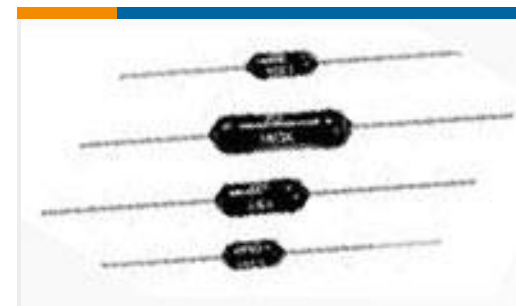
TE Model / Part #84533-6
1.25MM FFC POST PLATED H 6P



TE Model / Part #3-2176331-6
CRGP 2512 8K2 1%



TE Model / Part #6-1879627-0
H4P 3K0 1% 100PPM



TE Model / Part #9-1879627-5
H4P 82K 1% 100PPM



TE Model / Part #2-1825010-2
ASE42RL04=4PDT AUTOSLIDE



TE Model / Part #84534-4
1.25MM FFC POST PLATED V 4P



TE Model / Part #1676426-1
RN 0805 750R 0.1% 10PPM CUT LE



TE Model / Part #2238173-3
FAST .250 STD REC STR 2D AWG22-12 TPBR



TE Model / Part #104433-3
06 MODII HDR DRST B/A W/HD



TE Model / Part #1-1825043-6
UP3DTANLB04,MICROSWITCH,SNAP

Documents

Product Drawings

1.25MM FFC POST PLATED H 4P



English

CAD Files

Customer View Model

[ENG_CVM_CVM_84533-4_E.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_84533-4_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_84533-4_E.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

FPC Connector Family

English

[5-1773461-0_Standard_FPC_Connector_Quick_Reference_Guide](#)

English

[Flexible Printed Circuit Connectors - FPC \(Virtual Sample Kit\)](#)

English

[1-1773959-6-flexible-printed-circuit-con](#)

English

[1-1773959-7-FPC-Connectors-CN](#)

Product Specifications

Product Specification

English

Product Environmental Compliance

TE Material Declaration

English