1658548-9 ✔ ACTIVE

FLEXPAC

TE Internal #: 1658548-9

Header, Wire-to-Board, 7 Position, 2.54 mm [.1 in] Centerline, 1 Row, Right Angle, Pin, Package, Zero Insertion Force (ZIF), Straight, FFC Connectors

View on TE.com >

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



FFC Connector Product Type: **Header**

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

Number of Positions: **7**

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

Number of Rows: **1**

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Connector & Housing Type	Plug
FFC Connector Product Type	Header
Connector System	Wire-to-Board
Insertion Force Type	Zero Insertion Force (ZIF)

Configuration Features

Number of Positions	7
Number of Rows	1
PCB Mount Orientation	Right Angle

Body Features

Primary Product Color	Blue

Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Contact Layout	Inline
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]

Contact Type	Pin
Contact Current Rating (Max)	2 A

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	2.54 mm[.1 in]

Mechanical Attachment

Mating Alignment Type	Polarization
Mating Retention Type	Latch
PCB Mount Retention	Without
Mating Retention	With
Mating Alignment	With
Panel Mount Feature	Without
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Nylon
Centerline (Pitch)	2.54 mm[.1 in]
FFC Cable Entry	Straight

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	50
Packaging Method	Package

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 2025 (250) 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	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 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

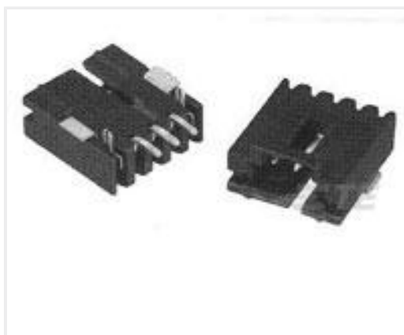
Customers Also Bought



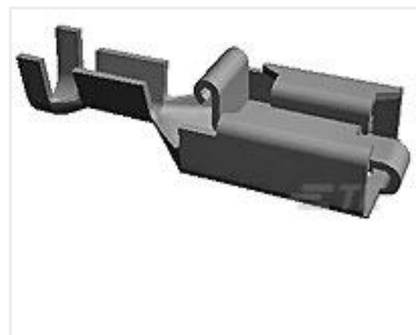
TE Part #84953-8
1MM FPC HORZ.TOP CONT.ASSY 8P



TE Part #5-146254-7
14 MODII HDR DRST B/A .100CL



TE Part #5-147278-1
02 MTE HDR SRRA SFMNT .100CL



TE Part #154718-3
PL 250 REC 0.7-2.0 MM2 0.406 TPBR



TE Part #1-770170-1
03P MINI UMNL ASSY VO SNAU LF



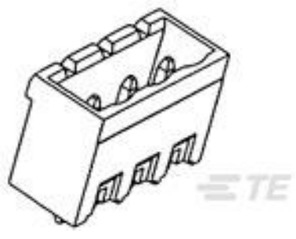
TE Part #1-770178-1
06P MINI UMNL ASSY VO SNAU LF



TE Part #3-794620-2
02P MICRO MNL ASSY,R/A,HDR,LF



TE Part #3-794620-4
04P MICRO MNL ASSY,R/A,HDR,LF



TE Part #796642-4
4POS 5.0MM CE VRT HDR,TRM BLK



TE Part #6469001-1
HM-ZD 4PR RECP 80P

Documents

Product Drawings

FPH-0701G=FLXPAC HDR P 07 RA LF

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1658548-9_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1658548-9_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1658548-9_C.3d_stp.zip

English

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

Product Specifications

Product Specification

English