

1658549-9 ✓ ACTIVE

FLEXPAC

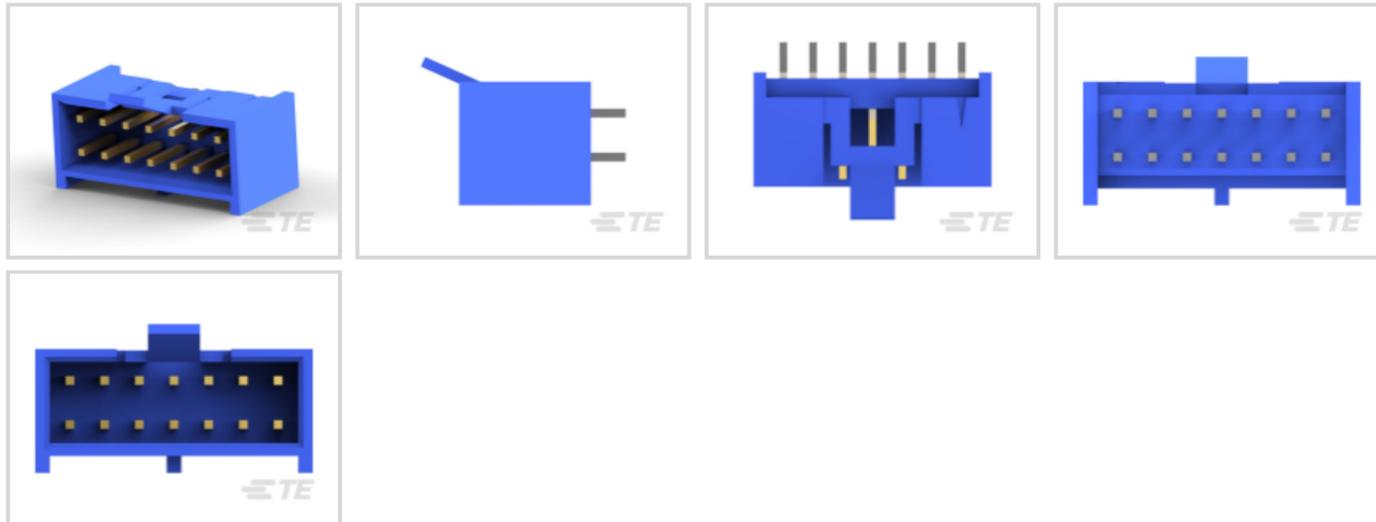
TE Internal #: 1658549-9

FFC Connectors, Header, Wire-to-Board, 14 Position, 2.54 mm [.1 in] Centerline, 2 Row, Vertical, Pin, Package, Mating Retention, Printed Circuit Board

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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: **14**

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

Number of Rows: **2**

Features

Product Type Features

Connector & Housing Type	Plug
FFC Connector Product Type	Header
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Insertion Force Type	Zero Insertion Force (ZIF)

Configuration Features

Number of Positions	14
Number of Rows	2
PCB Mount Orientation	Vertical

Contact Features

Contact Layout	Inline
PCB Contact Termination Area Plating Material Thickness	2.54 μm [100 μin]
Contact Mating Area Plating Material Thickness	.76 μm [30 μin]



Contact Mating Area Plating Material	Gold
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PCB Contact Termination Area Plating Material	Tin
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Contact Base Material	Phosphor Bronze
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Contact Type	Pin
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Contact Current Rating (Max)	2 A
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Termination Features

Termination Post & Tail Length	2.54 mm [.1 in]
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Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Mating Alignment Type	Polarization
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PCB Mount Alignment	Without
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PCB Mount Retention	Without
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Mating Retention Type	Detent Window
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Mating Retention	With
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Mating Alignment	With
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Panel Mount Feature	Without
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Connector Mounting Type	Board Mount
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Housing Features

Housing Material	Nylon
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Centerline (Pitch)	2.54 mm [.1 in]
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FFC Cable Entry	Vertical
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Housing Color	Blue
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Dimensions

PCB Thickness (Recommended)	1.57 mm [.062 in]
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Row-to-Row Spacing	2.54 mm [.1 in]
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Usage Conditions

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

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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	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>

Compatible Parts



Documents

[Product Drawings](#)



FPH-1422G=FLXPAC HDR P 14 ST LF

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1658549-9_C.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1658549-9_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1658549-9_C.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English