



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

Number of Positions: **10**

Centerline (Pitch): **1 mm [ .039 in ]**

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

PCB Mount Orientation: **Vertical**

## Features

### Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector Product Type	Connector Assembly
Connector System	Flex-to-Board
Insertion Force Type	Zero Insertion Force (ZIF)
PC Actuator Type	Stuffer (Plunger Style)
Available	No
Connector & Contact Terminates To	Flexible Printed Circuit (FPC)

### Configuration Features

Compatible With Wire & Cable Type	FFC, FPC
Number of Rows	1
Number of Positions	10
PCB Mount Orientation	Vertical

### Electrical Characteristics

Operating Voltage	125 VDC
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### Contact Features

PCB Contact Termination Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
Contact Mating Location	Top
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	1 A
Termination Features	
Termination Method to Printed Circuit Board	Surface Mount
Mechanical Attachment	
Plating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	With
Connector Mounting Type	Board Mount
Housing Features	
Housing Material	PA 9T
Housing Color	Black
Centerline (Pitch)	1 mm[.039 in]
Dimensions	
Connector Length	17.4 mm[.685 in]
Connector Height	7.7 mm[.303 in]
Connector Width	4.6 mm[.181 in]
Accepts Flex Cable Thickness	.3 mm[.012 in]
Storage Conditions	
Operating Temperature Range	-20 – 85 °C[-4 – 185 °F]
Operation/Application	
Circuit Application	Signal
Identification Marking	
Circuit Identification Feature	Without

# Product Compliance

For more 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: JUN 2017 (191) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JUN 2017 (191)
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 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

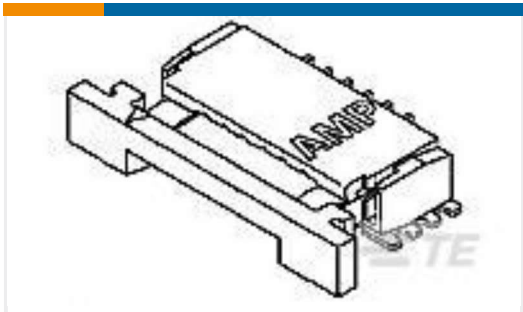




Model / Part #2-1825097-1  
F11CGRA004



TE Model / Part #5223995-3  
UPM EXPANDED RECEPTACLE  
ASSEMB



TE Model / Part #1-84952-0  
1MM FPC HORZ.BTTM CONT.ASS.10P



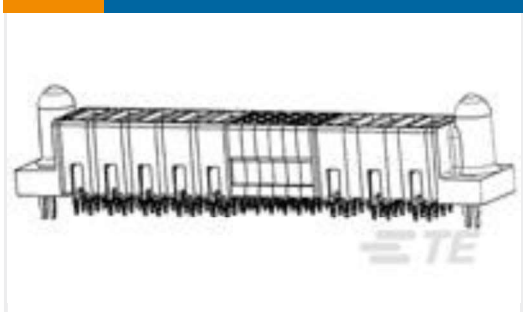
TE Model / Part #1-1734248-2  
1.0 FPC, ZIF V/T, SMT, 12P



Model / Part #5767017-3  
T,900PLUG,114,ASSY,.025,REC




TE Model / Part #1-5767096-0  
MICT,REC,114,ASY,.025,TAPE,CAP



TE Model / Part #1892430-4  
MBXL VERT RCPT 6P+24S+6P



TE Model / Part #1-6450542-7  
MBXL VERT RCPT 4P+32S



Model / Part #1-102972-7  
MODII HDR SRST B/A .100CL



TE Model / Part #1-880584-1  
SHUNT CONN. ASS'Y

## Documents

### Product Drawings

1MM FPC, ZIF V/T, SMT, 10P

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### 3D Files

Customer View Model

G\_CVM\_CVM\_1-1734248-0\_E\_c-1-1734248-0-e.3d\_stp.zip

lish

PDF

Customer View Model

G\_CVM\_CVM\_1-1734248-0\_E\_c-1-1734248-0-e.2d\_dxf.zip

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Connector Family

lish

73461-0\_Standard\_FPC\_Connector\_Quick\_Reference\_Guide

lish

73959-6-flexible-printed-circuit-con

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73959-7-FPC-Connectors-CN

## duct Specifications

duct Specification

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## duct Environmental Compliance

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