

AMP ECONOMATE

TE Internal #: 117249-2

Connector Contact, Pin, Cable-to-Board, 2.54 mm [.1 in] Centerline, Gold, Straight, Printed Circuit Board, 3 A, Signal, Board Mount, AMP ECONOMATE

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Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Connector Contacts



Contact Type: **Pin**

Connector System: **Cable-to-Board**

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

Contact Mating Area Plating Material: **Gold**

Contact Orientation: **Straight**

Features

Product Type Features

Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Electrical Characteristics

Insulation Resistance	2000 MΩ
Contact Resistance	8 mΩ

Contact Features

PCB Contact Termination Area Plating Material Thickness	1.27 μm[49.9999 μin]
Contact Mating Area Plating Material Thickness	1.27 μm[50 μin]
PCB Contact Termination Area Plating Material	Gold
Contact Base Material	Copper Alloy
Contact Type	Pin
Contact Mating Area Plating Material	Gold
Contact Orientation	Straight
Contact Current Rating (Max)	3 A

Termination Features

Termination Post & Tail Length	17.45 mm[.687 in]
Termination Method to Printed Circuit Board	Through Hole - Press-Fit



Mechanical Attachment

Wire Insulation Support	Without
PCB Mount Retention	With
PCB Mount Retention Type	Action/Compliant Tail
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.54 mm [.1 in]
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Dimensions

PCB Thickness (Recommended)	2.36 – 3.18 mm [.093 – .125 in]
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Usage Conditions

Operating Temperature Range	-65 – 125 °C [-85 – 257 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Quantity	50000
Packaging Method	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 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	Not applicable 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 # 5-2337939-8
PCIE GEN4 CON,SMT,164POS,30u", MYLAR,HT


TE Part # 117249-1
POST F-THRU STAMPED

TE Part # 3-117249-8
POST F-THRU STAMPED

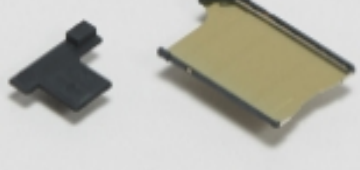
Also in the Series | AMP ECONOMATE




Board-to-Board Connector Contacts(7)



Card Edge Power Connectors(1)



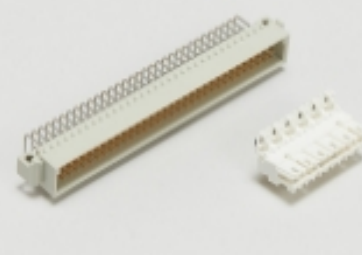
Card Guide Hardware(1)



Insertion & Extraction Tools(1)



PCB Connector Keying(1)



Standard Edge Connectors(10)

Documents

Product Drawings

POST F-THRU 100 C/L PLATED

English

CAD Files

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_117249-2_BV.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_117249-2_BV.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_117249-2_BV.3d_stp.zip](#)

English

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

Product Specifications

[Terminating AMP MTEI Connector](#)

English

[Application Specification](#)

English