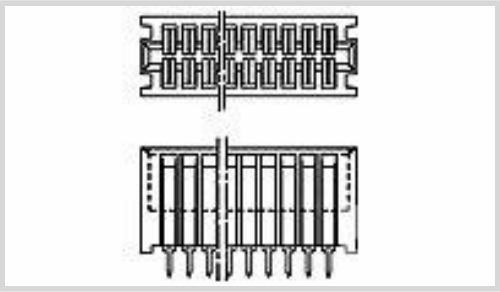




Connectors > PCB Connectors > Card Edge Connectors > Standard Edge Connectors



Connector System: **Board-to-Board**
Number of Positions: **4**
Centerline (Pitch): **2.54 mm [.1 in]**
Termination Method to Wire & Cable: **Solder Eyelet**
Number of Dual Positions: **4**

Features

Product Type Features

Connector System	Board-to-Board
Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	4
Number of Dual Positions	4
Number of Rows	2
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical

Body Features

Primary Product Color	Green
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Contact Features

PCB Contact Termination Area Plating Material Thickness	3 μm
Contact Mating Area Plating Material	Gold (Au)
Contact Retention Within Housing	Without
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
PCB Contact Termination Area Plating Material Finish	Matte
Contact Type	Socket



Contact Mating Area Plating Material Thickness	.38 μm[15 μin]
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.2 mm[.13 in]
Termination Method to Wire & Cable	Solder Eyelet

Mechanical Attachment

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

Housing Features

Housing Entry Configuration	Both Ends Closed
Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Thermoplastic Polyester -20% Glass-Filled

Dimensions

Card Slot Depth	7.9 mm[.31 in]
Row-to-Row Spacing	5.08 mm[.2 in]

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °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 Method	Box & Tube, Tube
Packaging Quantity	34

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 2025 (247) Candidate List Declared Against: JAN 2022 (223) 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



TE Part # 166087-5
DUAL LOADED/CLOSED ENDS



TE Part # 1-166087-2
DUAL LOADED/CLOSED ENDS



TE Part # 166087-3
DUAL LOADED,CLOSED ENDS

Customers Also Bought



TE Part #TAA543B1411-001
M12A4-FS-PVC-0.5M




TE Part #T3110009902-000
HMN-DM



TE Part #T2070244201-002
H24BN-T6-F-HD



TE Part #1-794615-8
PANEL MT DBL ROW HSG 18 POS



TE Part #282838-2
TERMI-BLOK PCB MOUNT 90 2P.



TE Part #5-103908-2
03 MTE HDR SRST LATCH W/HLDWN



TE Part #325412000-00
MS5412 12BAR ABSOLUTE BOARD MNT SENSOR



TE Part #175195-2
DYNAMIC D-3 REC CONT/M AU 0.38



TE Part #3-2176342-5
CRGCO 0805 470K 5%



TE Part #T4162124005-001
RPC-M12-5MS-0.5SH-M12-5FR-PUR

Documents

Product Drawings
4P RANDSTECKER DB

CAD Files
Customer View Model
ENG_CVM_CVM_166087-4_K.2d_dxf.zip
English
3D PDF
3D
Customer View Model
ENG_CVM_CVM_166087-4_K.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_166087-4_K.3d_stp.zip
English

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

Product Specifications
Product Specification



AMP EDGE Low Profile Connectors

English

Product Specification

English