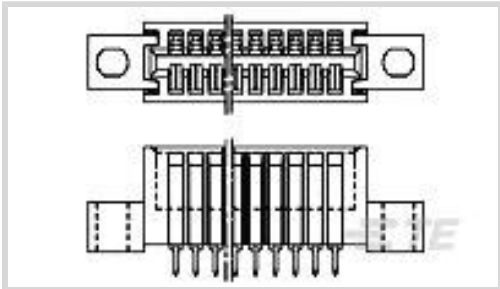




Connectors > PCB Connectors > Card Edge Connectors > Standard Edge Connectors



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

Number of Positions: **13**

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

Termination Method to Wire & Cable: **Solder Eyelet**

Number of Rows: **1**

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	13
Number of Rows	1
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical

Body Features

Primary Product Color	Green
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Contact Features

Contact Retention Within Housing	Without
PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.38 μm[15 μin]
PCB Contact Termination Area Plating Material Thickness	3 μm
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Type	Socket



Contact Current Rating (Max)	3 A
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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

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

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	PBT GF20

Dimensions

Card Slot Depth	7.9 mm[.31 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	13.4 mm[.53 in]
Row-to-Row Spacing	5.08 mm[.2 in]

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	10
Packaging Method	Tube

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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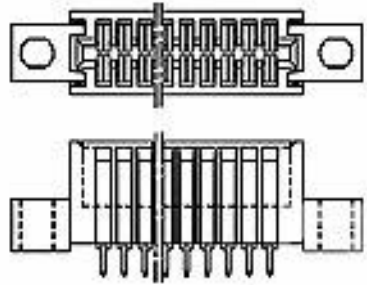


EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low 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

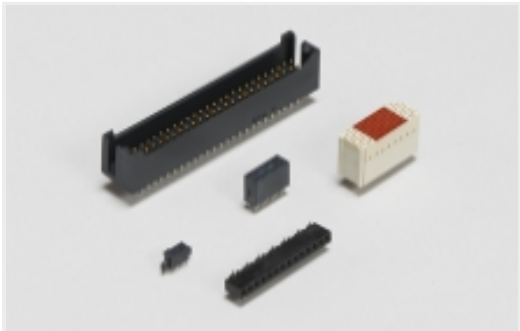
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

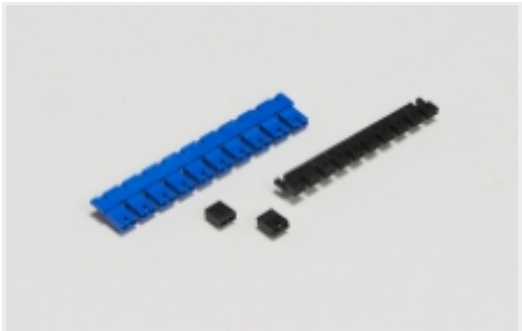


TE Part # 1-166089-5  
DUAL LOADED/WITH EARS

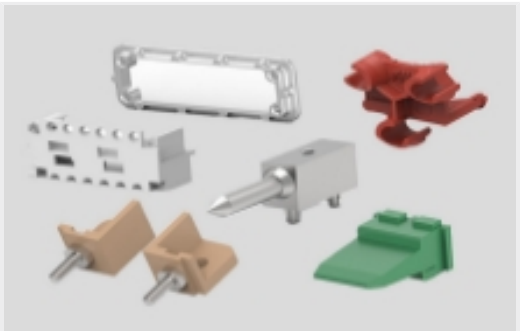
Also in the Series | Modu Connector System



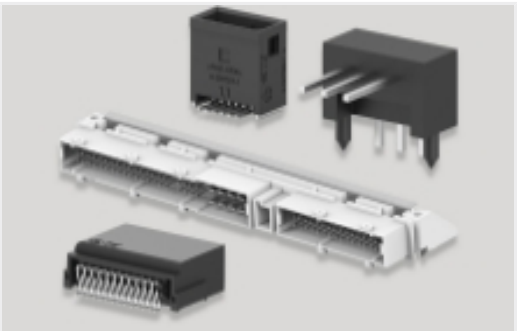
Board-to-Board Headers & Receptacles(814)



Board-to-Board Jumpers & Shunts(5)




Connector Hardware(4)




PCB Headers & Receptacles(814)




Customers Also Bought




TE Part #CAT-D48-ST273  
DEUTSCH Solid Contacts




TE Part #DT04-2P  
REC, 2P, GRY, N




TE Part #DT06-2S  
PLG, 2P, GRY, N



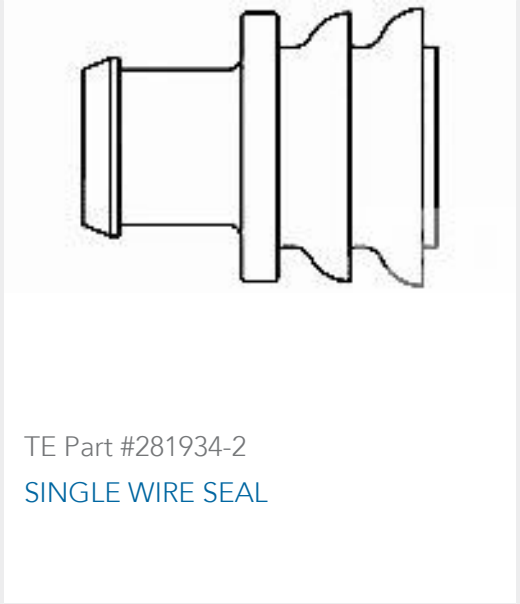
TE Part #CAT-D487-W416  
Wedgelocks: DEUTSCH DT



TE Part #114017-ZZ  
SEALING PLUG, SIZE 12/16, WHT



TE Part #CAT-AM71-CH8172  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSING



TE Part #281934-2  
SINGLE WIRE SEAL

Documents

Product Drawings

SINGLE LOADED/WITH EARS

Product Specifications

Product Specification

AMP EDGE Low Profile Connectors

English

Product Specification

English