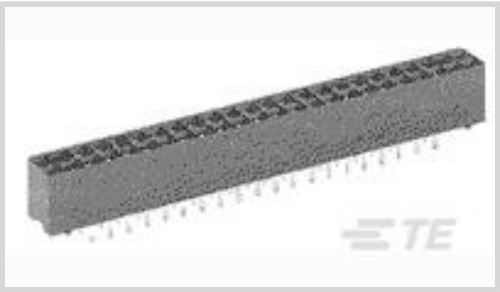




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **60**

Number of Rows: **2**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Loaded Positions	52
Stackable	Yes
PCB Mount Orientation	Vertical
Number of Positions	60
Number of Rows	2
Board-to-Board Configuration	Orthogonal, Parallel

Body Features

Connector Profile	High
Primary Product Color	Black

Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
	150 – 300 μin
Contact Layout	Matrix



Contact Shape & Form	Square
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.254 μm[10 μin]
Contact Type	Receptacle
Contact Current Rating (Max)	3 A

Termination Features

Rectangular Termination Post & Tail Thickness	.18 mm[.007 in]
Rectangular Termination Post & Tail Width	.69 mm[.027 in]
Termination Post & Tail Length	2.92 mm[.115 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Mating Entry Location	Top
Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Polyester - GF

Dimensions

Connector Length	76.2 mm[3 in]
Connector Height	8.64 mm[.34 in]
Connector Width	5.02 mm[.198 in]
Row-to-Row Spacing	2.54 mm[.1 in]
Stack Height	12.52 mm[.493 in]
PCB Thickness (Recommended)	1.4 – 2.4 mm[.05 – .09 in]

Usage Conditions

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

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Solder Process Feature	Board Standoff
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	7
Packaging Type	Tube

Other

Position Locations Omitted	Row Y - 1, 2, 29, 30, Row Z - 1, 2, 29, 30
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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

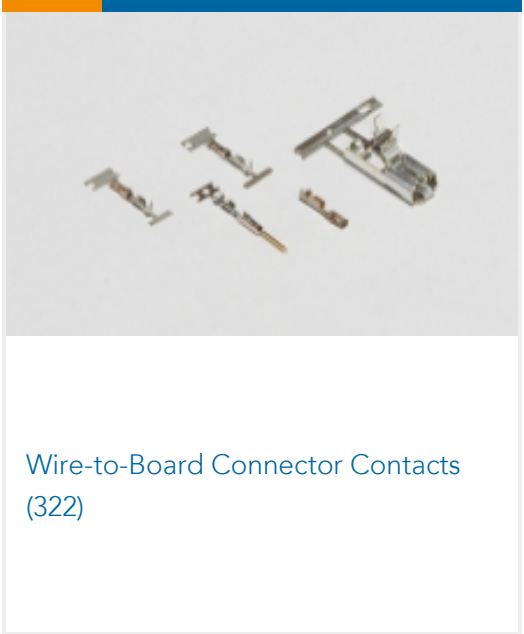
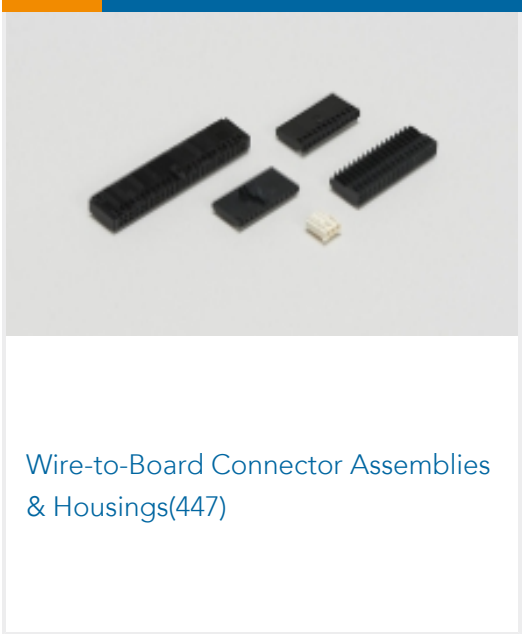
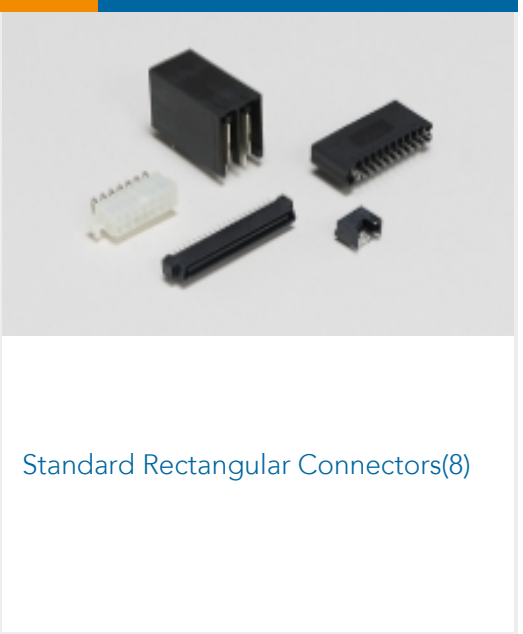
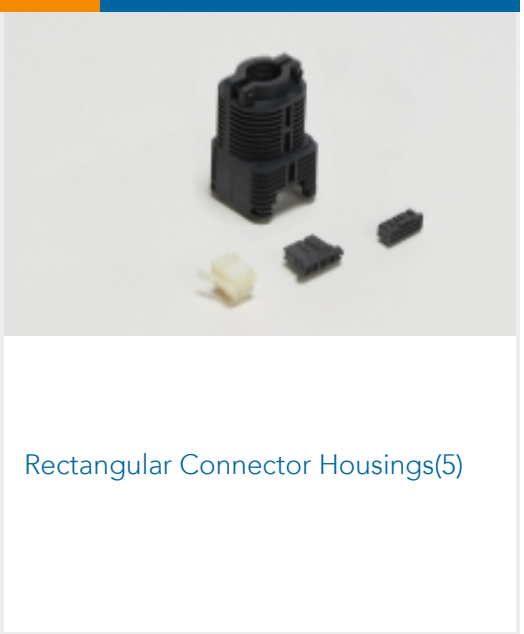
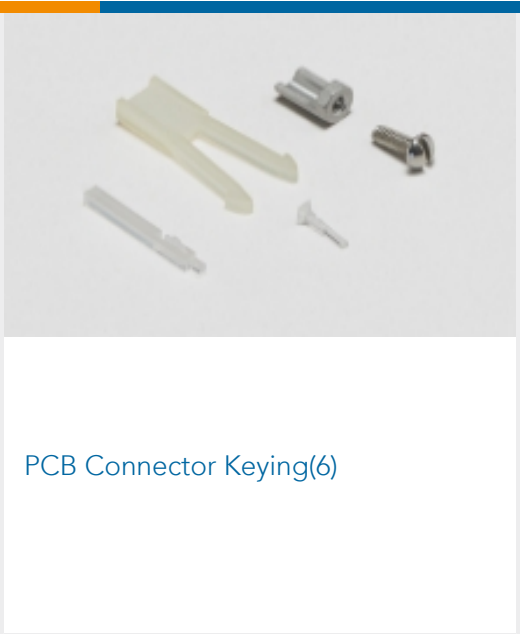
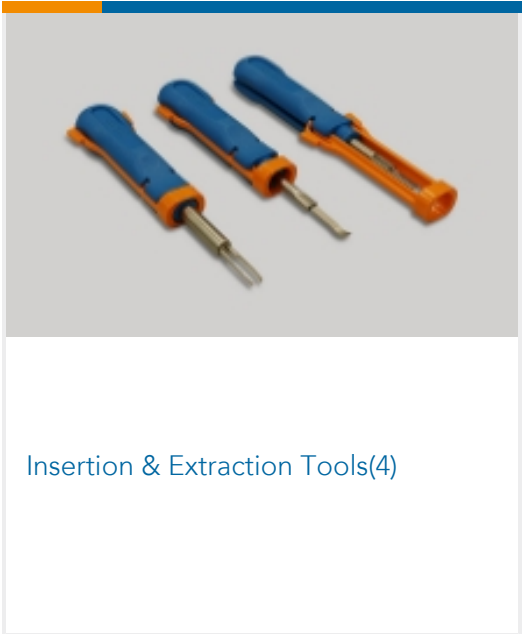
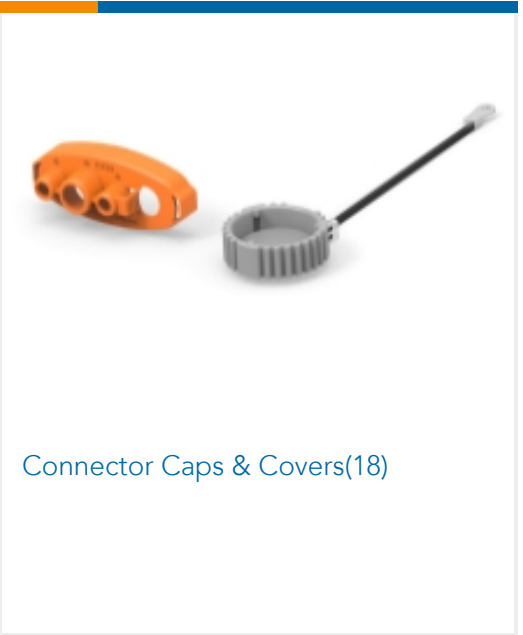
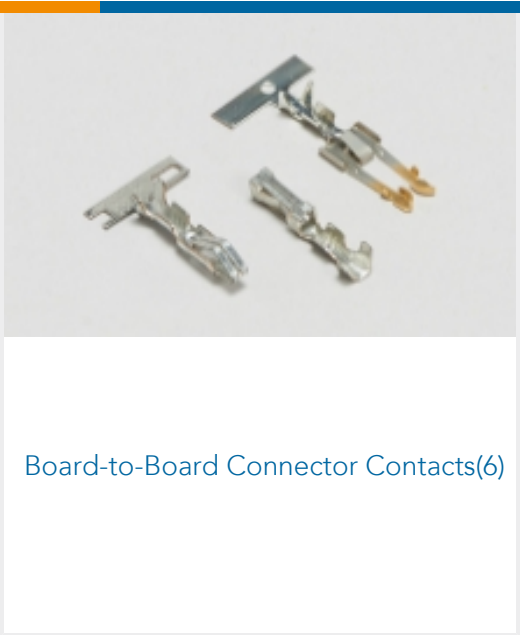
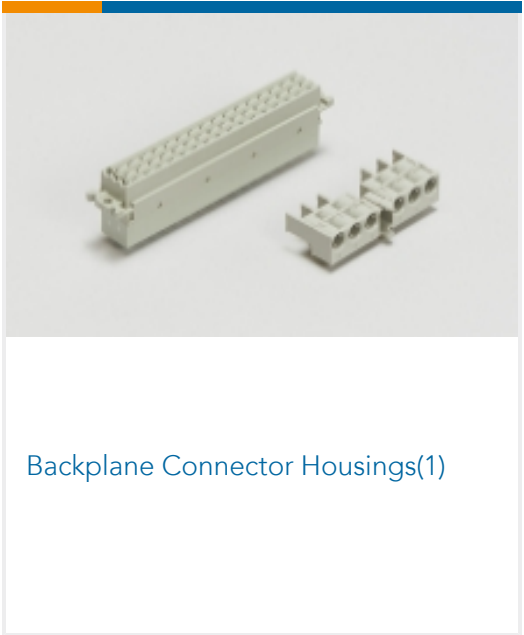
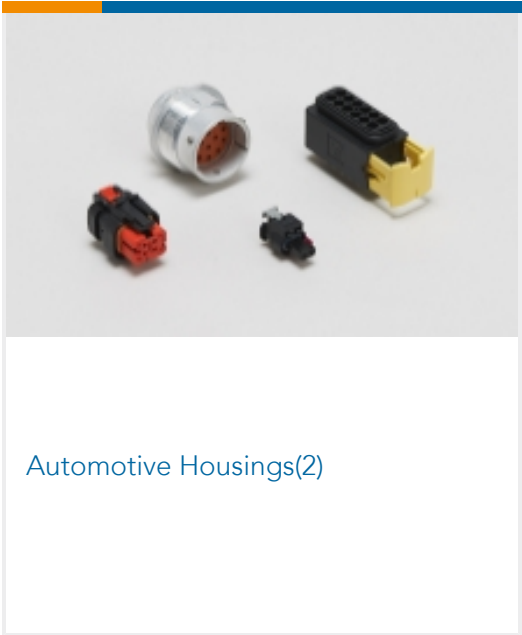
Product Compliance Disclaimer

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



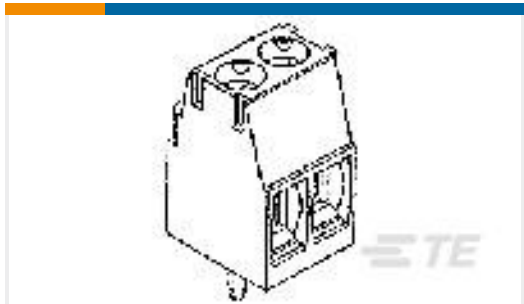
Also in the Series | AMPMODU IV/V



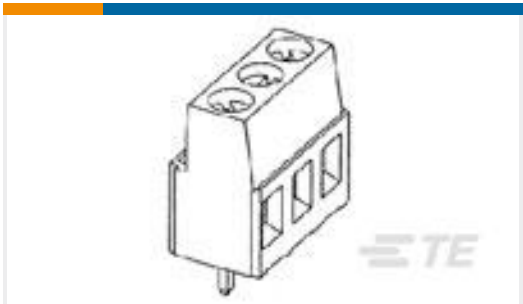
Customers Also Bought



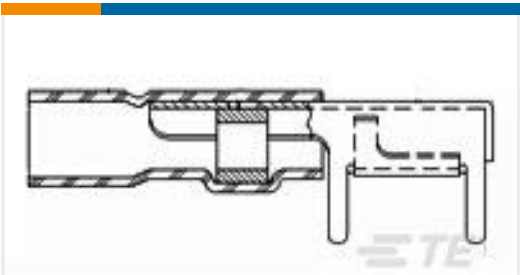
TE Part #38943-16L
CONT SOC ASSY



TE Part #284392-4
TERMI-BLOK PCB SIDE ENTRY STAC



TE Part #1-282856-2
12P TERMI-BLOK PCB MOUNT



TE Part #601072-000
D-607-10

Documents

Product Drawings

60 MODII VRT DR OE 100/115

English

CAD Files

Customer View Model

ENG_CVM_CVM_5-102766-4_M.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-102766-4_M.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_5-102766-4_M.2d_dxf.zip

English

3D PDF

3D

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

Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION5

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English