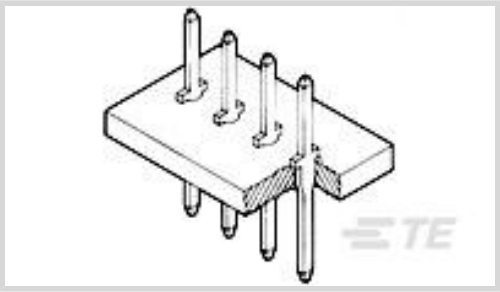




Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Connector Contacts



Contact Type: **Post**

Contact Mating Area Plating Material: **Gold**

Contact Orientation: **Straight**

Connector & Contact Terminates To: **Printed Circuit Board**

Operating Temperature Range: **-65 – 105 °C**

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
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Electrical Characteristics

Dielectric Withstanding Voltage (Max)	1200 VAC
Insulation Resistance	5000 MΩ
Contact Resistance	12 mΩ

Contact Features

Contact Mating Area Length	14.35 mm[.565 in]
	15 μin
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold
Contact Base Material	Brass
Contact Type	Post
Contact Mating Area Plating Material	Gold
Contact Orientation	Straight
Contact Current Rating (Max)	5 A

Termination Features

Termination Post & Tail Length	4.75 mm[.187 in]
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Mechanical Attachment

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Wire Insulation Support	Without
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Usage Conditions

Operating Temperature Range	-65 – 105 °C
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Packaging Features

Packaging Quantity	1000
Packaging Method	Loose Piece

Other

Comment	Minimum nominal centerline spacing between adjacent contacts is .125., Post center may vary depending on requirements., Strip form posts applied with Insertion Machine Number 3-457382-1, includes power unit and applicator.
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Product Compliance

For compliance documentation, visit the product page on TE.com>

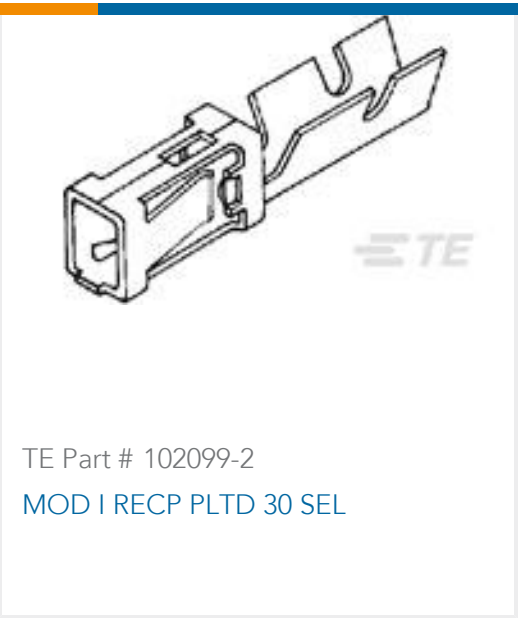
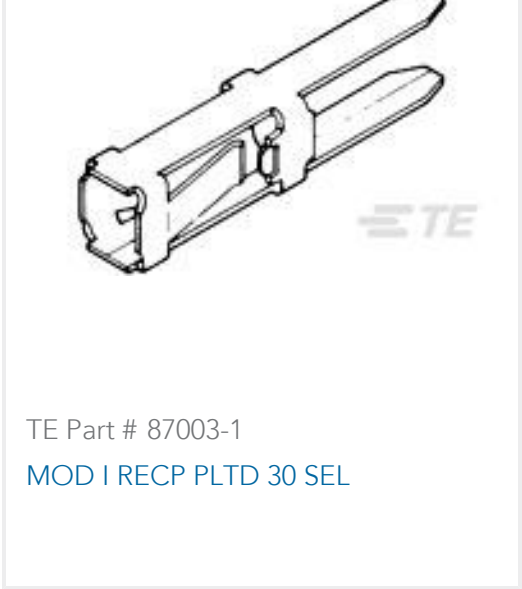
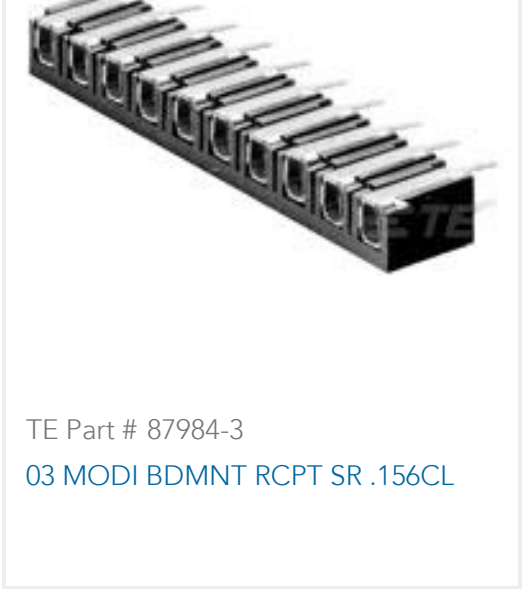
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not 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 # 85487-5 MOD I RECP PLTD 15 SEL	 TE Part # 85493-4 MOD I RECP LP	 TE Part # 1-87993-6 16 MODI BDMNT RCPT SR .156CL	 TE Part # 102099-2 MOD I RECP PLTD 30 SEL
 TE Part # 1-87986-2 12 MODI BDMNT RCPT SR .156CL	 TE Part # 2-87984-0 20 MODI BDMNT RCPT SR .156CL	 TE Part # 85487-4 MOD I RECP PLTD 30 SEL	 TE Part # 86432-8 MOD I RECP PLTD 30 SEL
 TE Part # 87772-2 MOD I RECP STMPD	 TE Part # 1-87989-4 14 MODI BDMNT RCPT SR .156CL	 TE Part # 102103-2 MOD I RECP LP	 TE Part # 102106-2 MOD I RECP LP
 TE Part # 86480-2 MOD I RECP LP	 TE Part # 87986-4 04 MODI BDMNT RCPT SR .156CL	 TE Part # 85487-2 MOD I RECP PLTD 30 AU	 TE Part # 86477-2 MOD I RECP PLTD 30 SEL
 TE Part # 87003-1 MOD I RECP PLTD 30 SEL	 TE Part # 87984-3 03 MODI BDMNT RCPT SR .156CL	 TE Part # 87989-3 03 MODI BDMNT RCPT SR .156CL	

Also in the Series | AMPMODU MOD 1



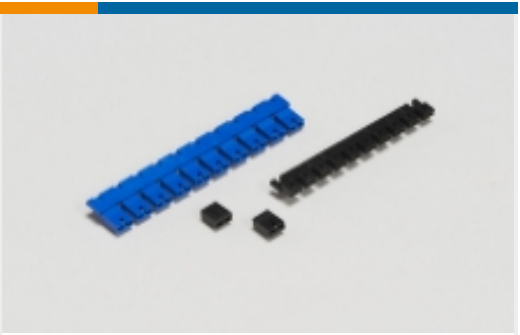
Automotive Terminals(6)



Board-to-Board Connector Contacts (104)



Board-to-Board Headers & Receptacles(372)



Board-to-Board Jumpers & Shunts(5)



Insertion & Extraction Tools(1)



PCB Connector Keying(2)



Wire-to-Board Connector Assemblies & Housings(44)



Wire-to-Board Connector Contacts(2)

Customers Also Bought



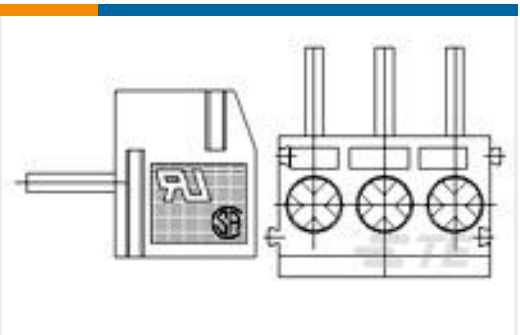
TE Part #1-1734829-1
AMP HPI 1.25MM HEADERS



TE Part #226781-3
ARINC SIZE 15 SOCKET



TE Part #1-1744418-6
16 POS EP 2.5 HDR, GLOW WIRE



TE Part #1776253-8
R/A Top Wire Entry, 3.5mm, HT,



TE Part #1969591-5
HSG,REC,PANEL MOUNT,GWT,
SINGLE ROW,EP2.5



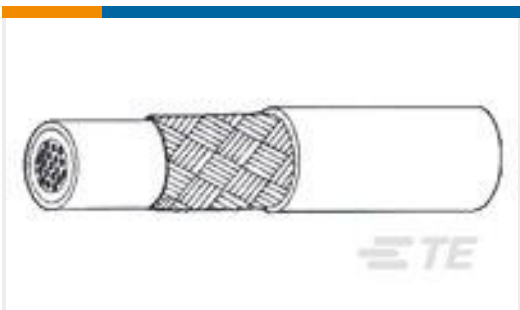
TE Part #1969591-9
HSG,REC,PANEL MOUNT,GWT,
SINGLE ROW,EP2.5



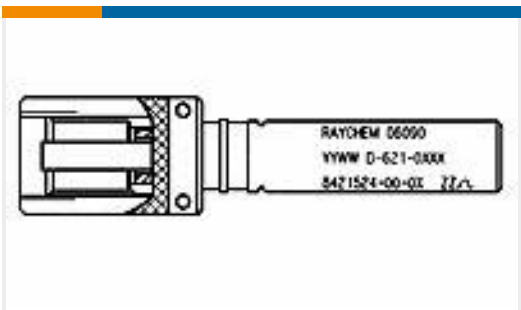
TE Part #2007815-3
IMP100S,H,V4P10C,RG,LEW39,5.5



TE Part #3-641523-4
04P MTA156 POST CON ASSY LF



TE Part #387239-000
44A1112-24-9-9



TE Part #965967-000
D-621-0407

Documents



Product Drawings

MOD I POST LP

English

Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION_6_7AND8

English

Product Specifications

Product Specification

English