BACA-AMP-18 ✔ ACTIVE

AMPMODU | AMPMODU MTE

TE Internal #: 103653-1

2 Position, Plug, Housing, Crimp / Insulation Displacement (IDC), Wire-to-Board, UL 94V-0, 2.54 mm [.1 in] Centerline, 1 Row, 250 VAC, AMPMODU MTE

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors

Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

Mating Retention Type: **Detent Latching**

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

UL Flammability Rating: **UL 94V-0**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	600 VACrms
Operating Voltage	250 VAC

Body Features

Primary Product Color	Black

Contact Features

Contact Layout	Inline
Contact Base Material	Phosphor Bronze
Contact Type	Receptacle
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Crimp, Insulation Displacement (IDC)

Mechanical Attachment

Strain Relief	Without
Mating Retention Type	Detent Latching
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Connector Height	6.6 mm[.26 in]
Connector Length	7.49 mm[.29 in]
Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Bag
Packaging Quantity	500

Product Compliance

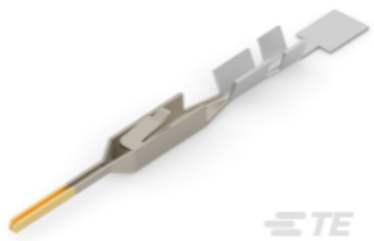
For compliance documentation, visit the product page on TE.com>

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

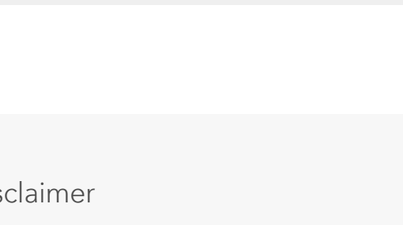
Product Compliance Disclaimer

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



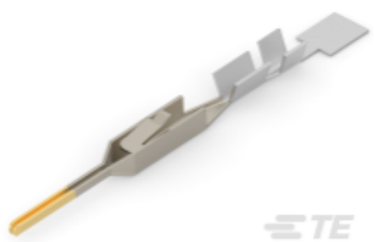
TE Part # 5-104505-4
MTE PIN 22-26 AWG PLTD



TE Part # 5-103958-1
10X2 MTE RPT SR LATCH .100CL

TE Part # 5-104506-4
MTE PIN 28-32 AWG PLTD

TE Part # 104257-1
02 MTE RCPT HSG SR LATCH .100



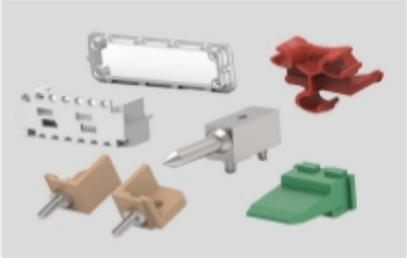
TE Part # 5-104505-2
MTE PIN 22-26 AWG PLTD

TE Part # 843477-1
TOOL, EXTRACTION RESET

Also in the Series | AMPMODU MTE

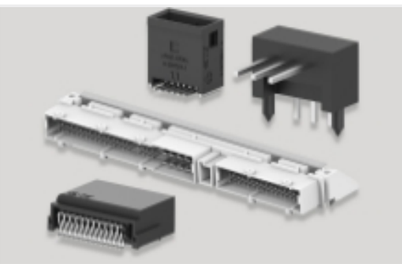
Connector Caps & Covers(18)

Connector Contacts(19)



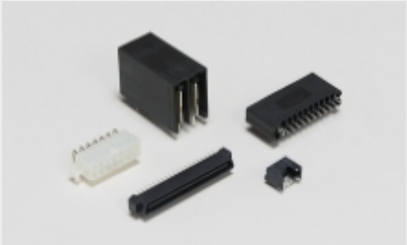
Connector Hardware(1)

Insertion & Extraction Tools(1)



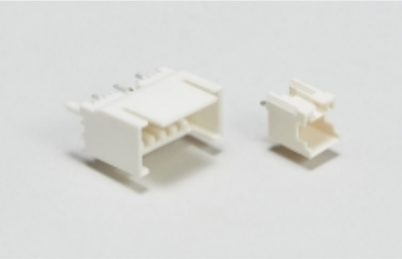
PCB Headers & Receptacles(330)

Rectangular Connector Housings(66)



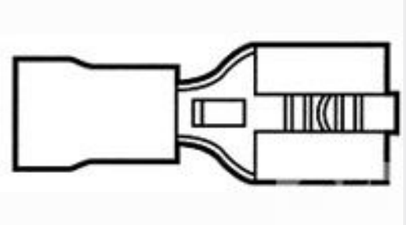
Standard Rectangular Connectors(201)

Wire-to-Board Connector Assemblies & Housings(201)



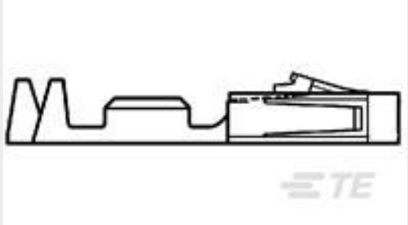
Wire-to-Board Headers & Receptacles (330)

Customers Also Bought



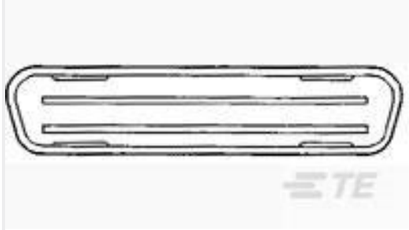
TE Part #55675-2
RECEPT,PIDG FASTON 22-18 250

TE Part #66563-6
III+ SKT,24-20,TIN-LEAD,STRIP



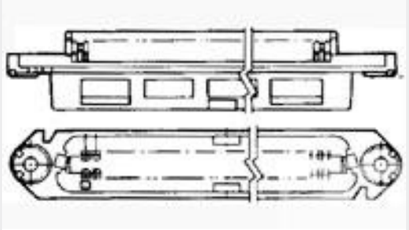
TE Part #1-104480-6
SHORT POINT RECP CONT LP

TE Part #160787-1
RING TONGUE IS 18-14 AWG .0840 X .940 BR



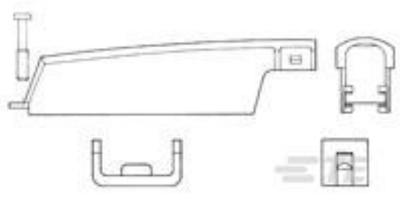
TE Part #229968-1
COVER,DUST,PLUG,BLUE,CHAMP

TE Part #229974-1
ASSY, PLUG, 50 POS, B SLOT

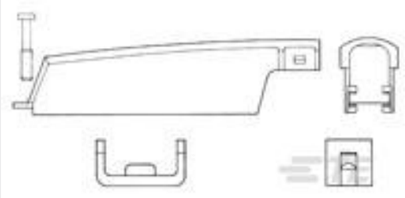


TE Part #229975-1
ASSY,RCPT,50POS,B SLOT,BLK HSG

TE Part #1-745496-7
25 HDE MS PLUG,22-26,LEAD FREE



TE Part #229909-1
COVER,TAPERED,90DEG"CHAMP PKG"



TE Part #229910-1
CLAMP, CABLE "CHAMP PACKAGING"

Documents

Product Drawings

02 MTE SHRD PIN HSG SR LATCH

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_103653-1_AM.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_103653-1_AM.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_103653-1_AM.3d_stp.zip

English

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

Datasheets & Catalog Pages

AMP MODU MTE Section of Catalog 1307819

English

AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT

English

AMPMODU MTE INTERCONNECT SYSTEM

English

Product Specifications

Application Specification

English