104505-3 ✔ ACTIVE

AMPMODU | AMPMODU MTE

TE Internal #: 104505-3

Pin Contact, Tin-Lead, 300 VAC, 26 - 22 AWG Wire Size, .12 - .4 mm² Wire Size, 254 - 642 CMA Wire Size, Crimp, Phosphor Bronze, Signal, AMPMODU MTE

View on TE.com >

Connectors > Contacts > Connector Contacts







Contact Type: **Pin**

Contact Mating Area Plating Material: **Tin-Lead**

Wire Contact Termination Area Plating Material: **Tin-Lead**

Operating Voltage: **300 VAC**

Wire Size: **26 - 22 AWG**

Features

Product Type Features

Applied Pressure	Standard

Electrical Characteristics

Termination Resistance	12 mΩ
Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	750 V
Operating Voltage	300 VAC

Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
Wire Contact Termination Area Plating Thickness	2.54 - 5.08 µm[100 - 200 µin]
Wire Contact Termination Area Plating Material Finish	Bright
	100 - 200 µin
Contact Underplating Material	Nickel
Contact Type	Pin
Contact Mating Area Plating Material	Tin-Lead

Wire Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Compatible Insulation Diameter Range	.91 - 1.37 mm[.035 - .054 in]
Wire Size	254 - 642 CMA

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

Compatible With Approved Standards Products	CSA LR7189, UL E28476

Packaging Features

Packaging Quantity	500
Packaging Method	Loose Piece

Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (13% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 91531-1
CCII MTE AMPMODU MTE PIN REC 26-22 ASSY



TE Part # 843477-1
TOOL, EXTRACTION RESET

Also in the Series | AMPMODU MTE



Connector Caps & Covers(40)



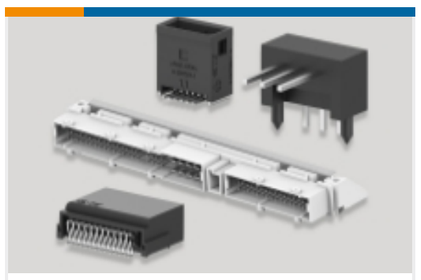
Connector Contacts(32)



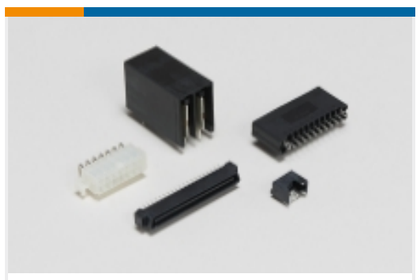
Connector Hardware(1)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(763)

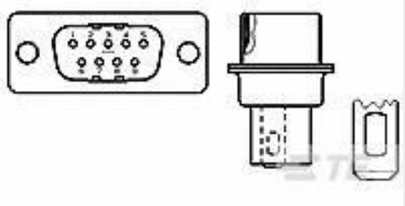


Standard Rectangular Connectors(2)

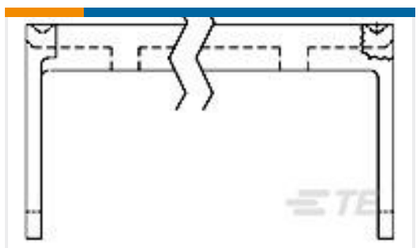


Wire-to-Board Connector Assemblies & Housings(585)

Customers Also Bought



TE Part # 215711-1
09P.HDP20 PLUG ASSY



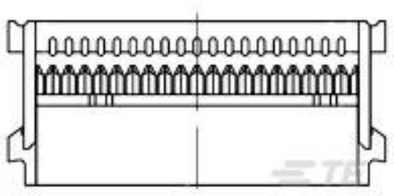
TE Part # 1-1437021-2
609-2631HD=FSKT IDC S 26 SR



TE Part # 4-641190-4
14P MTA100 CONN ASSY RED LF



TE Part # 103653-4
05 MTE SHRD PIN HSG SR LATCH



TE Part # 1-1658526-2
609-2030LF FEM SOCKT,LEAD FREE



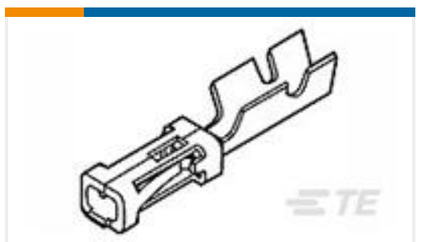
TE Part # 34155
PG SPD 22-16 COMM 22-18 MIL 8



TE Part # 103653-1
02 MTE SHRD PIN HSG SR LATCH



TE Part # 103653-2
03 MTE SHRD PIN HSG SR LATCH



TE Part # 103455-2
MOD V RECP LP

TE Part # 8-1437020-4
609-2031=FSKT IDC S 20 SR

Documents

Product Drawings

MTE PIN LP

English

CAD Files

Customer View Model

ENG_CVM_CVM_104505-3_V.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_104505-3_V.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_104505-3_V.3d_stp.zip

English

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

Datasheets & Catalog Pages

AMPMODU MTE INTERCONNECT SYSTEM

English

Product Specifications

Application Specification

English