5-104505-7 ✔ ACTIVE

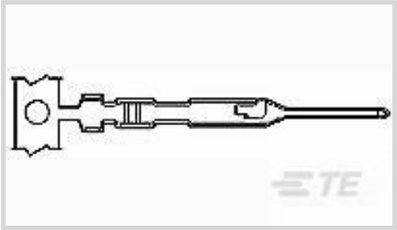
AMPMODU | AMPMODU MTE

TE Internal #: 5-104505-7

AMPMODU MTE, Connector Contact, Pin, Wire-to-Board, 26 – 22AWG Wire Size, 254 – 642CMA Wire Size, .12 – .4mm² Wire Size, Gold, Loose Piece

View on TE.com >

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



Contact Type: **Pin**

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

Wire Size: **.12 – .4 mm²**

Features

Product Type Features

Applied Pressure	Standard
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

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 Material Thickness	1.27 – 2.54 µm[50 – 100 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Wire Contact Termination Area Plating Material	Tin
	30 µin
Contact Underplating Material	Nickel
Contact Base Material	Phosphor Bronze
Contact Type	Pin
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Accepts Wire Insulation Diameter Range	.91 – 1.37 mm[.035 – .054 in]
Wire Size	.12 – .4 mm²

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

Approved Standards	CSA LR7189, UL E28476
CSA File Number	LR7189
UL File Number	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	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	Not applicable for solder process capability

Product Compliance Disclaimer

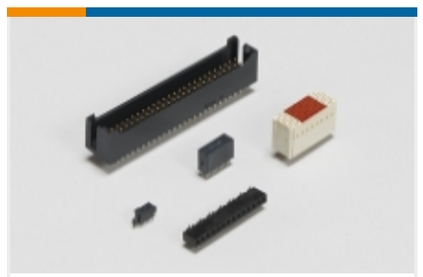
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

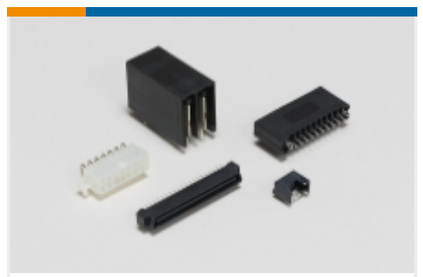


Board-to-Board Headers & Receptacles(23)

Insertion & Extraction Tools(2)

PCB Connector Shrouds(40)

Ribbon Connector Accessories(1)



Standard Rectangular Connectors(2)

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

Wire-to-Board Connector Contacts(32)

Wire-to-Board Headers & Receptacles (740)

Customers Also Bought

TE Part #103653-7
08 MTE SHRD PIN HSG SR LATCH

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

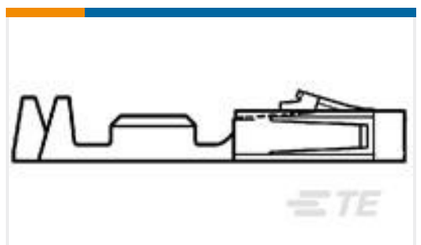
TE Part #103653-3
04 MTE SHRD PIN HSG SR LATCH

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

TE Part #1-794610-2
MICRO MNL RPT CNT,LS PC 30AU L

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

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



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

TE Part #1-5221128-1
PLUG,COMMERCIAL BNC

TE Part #BSA861N0085055A000
917 PLUG, SPEEDTEC

Documents

Product Drawings

MTE PIN LP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-104505-7_V.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-104505-7_V.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-104505-7_V.3d_stp.zip

English

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

Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT

English

AMPMODU MTE INTERCONNECT SYSTEM

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_5-104505-7_03192018735_dmtec

English

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English