

5-104506-5 ✓ ACTIVE

AMPMODU | AMPMODU MTE

TE Internal #: 5-104506-5

Pin Contact, Gold, 300 VAC, 32 – 28 AWG Wire Size, .03 – .09 mm²

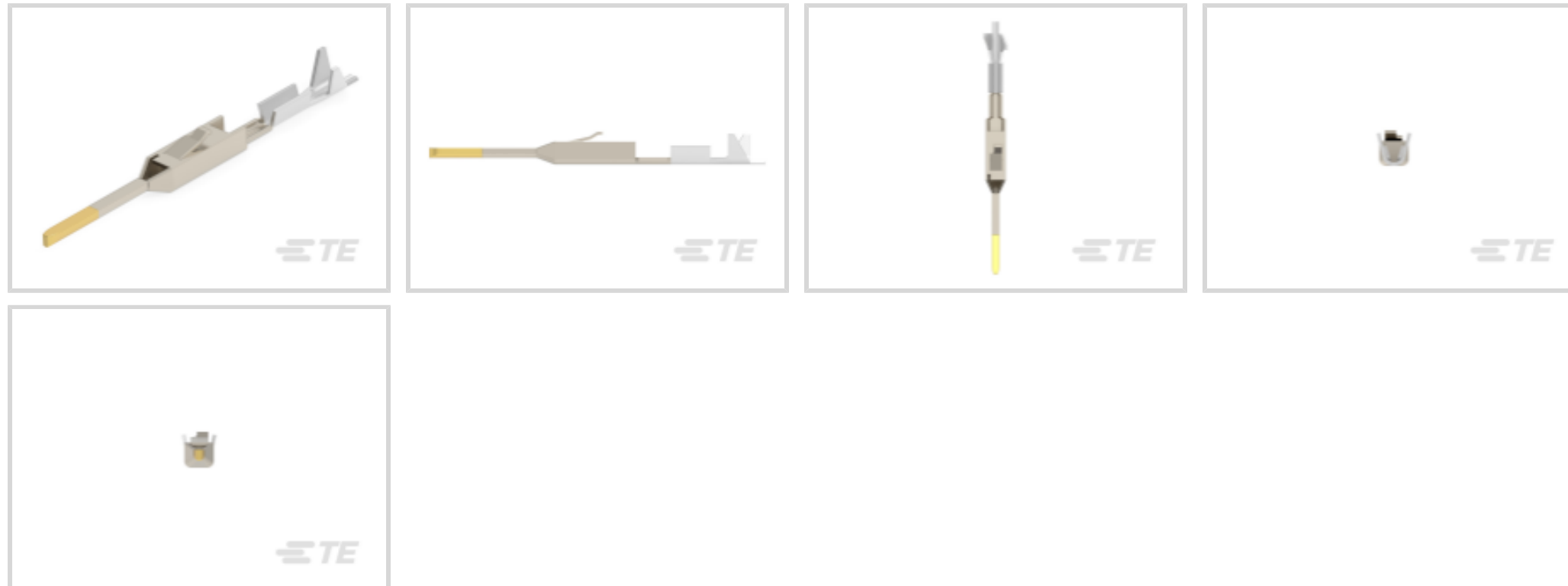
Wire Size, 64 – 175 CMA Wire Size, Crimp, Phosphor Bronze,

Signal, AMPMODU MTE

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Gold**

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

Operating Voltage: **300 VAC**

Wire Size: **32 – 28 AWG**

Features

Industry Standards

Compatible With Approved Standards Products	UL E28476, CSA LR7189
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Product Type Features

Applied Pressure	Standard
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Mechanical Attachment

Wire Insulation Support	With
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Packaging Features

Packaging Quantity	500
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Packaging Method	Loose Piece
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Dimensions

Compatible Insulation Diameter Range	.64 – 1.37 mm [.025 – .054 in]
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Wire Size	64 – 175 CMA
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Electrical Characteristics

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

Contact Underplating Material	Nickel
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Mating Square Post Dimension	.64 mm[.025 in]
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Wire Contact Termination Area Plating Material Finish	Matte
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Wire Contact Termination Area Plating Thickness	1.27 – 2.54 μm[50 – 100 μin]
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Contact Type	Pin
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Contact Mating Area Plating Material	Gold
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Wire Contact Termination Area Plating Material	Tin
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Contact Base Material	Phosphor Bronze
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Contact Current Rating (Max)	3 A
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Termination Features

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

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

Circuit Application	Signal
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Other

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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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

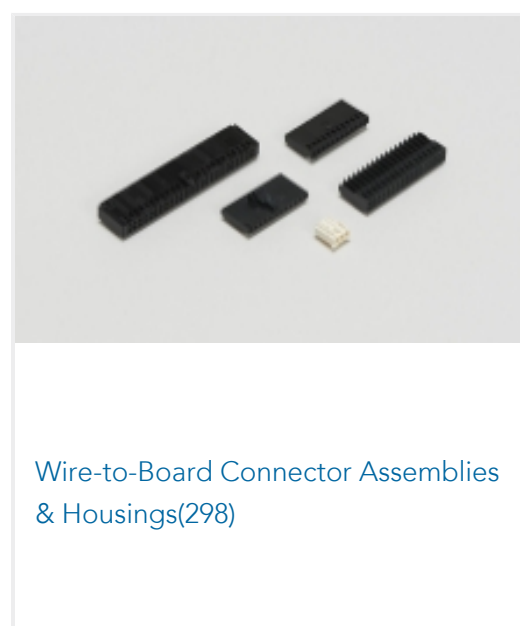
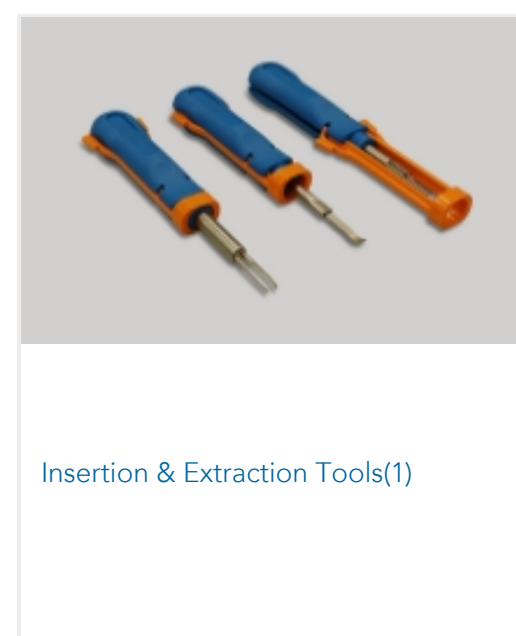
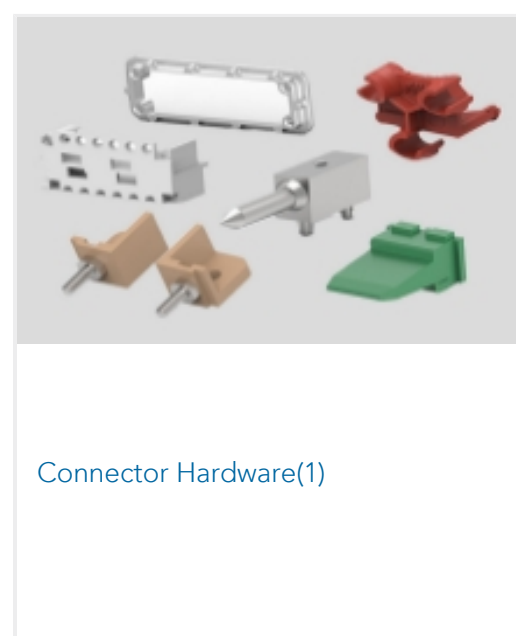
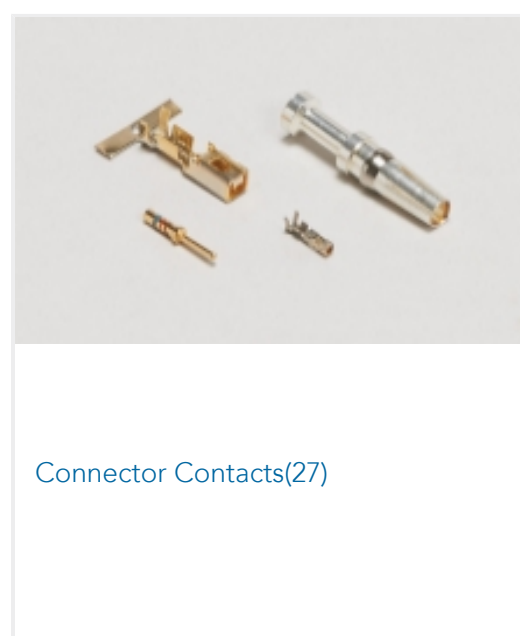
Product Compliance Disclaimer

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



Also in the Series | AMPMODU MTE



Customers Also Bought



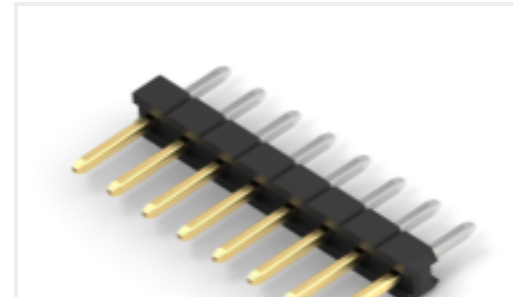
TE Part #323008
PIDG R 22-16 COMM 22-18 MIL 6



TE Part #2-644486-6
06P MTA100 SHRDED HDR ASSY SN



TE Part #1658527-7
622-1641LF FEM SOCKET, LEAD FREE



TE Part #2-2823088-5
25P, 2MM, BRK HDR, SRVT, 2.8, 0.76AU, TB



TE Part #1SNG601055R0000
EP-SG-M20-LGR-C



TE Part #1SNG607007R0000
EP-LN-M20-LGR-A



TE Part #2446038-9
SLC4-H30-091



TE Part #2447935-1
SRS4-2NO

Documents

Product Drawings

MTE PIN LP

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5-104506-5_T.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-104506-5_T.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-104506-5_T.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT](#)

English

[AMPMODU MTE INTERCONNECT SYSTEM](#)

English

Product Specifications

[Application Specification](#)



English