



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

Product Type Features

Applied Pressure	Standard
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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	1.27 – 2.54 μm[50 – 100 μin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Underplating Material	Nickel
Contact Type	Pin
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Tin



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
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Dimensions

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

Usage Conditions

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

Circuit Application	Signal
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Industry Standards

Compatible With Approved Standards Products	CSA LR7189, UL E28476
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Packaging Features

Packaging Quantity	12500
Packaging Method	Strip

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 843477-1 TOOL, EXTRACTION RESET	TE Part # 1901786-1 CCII PIN REC CONT 32-28 ASSY	TE Part # 2151863-1 OCEAN-2.0-APPLICATOR-S-033F055O	TE Part # 2151863-2 OCEAN-2.0-APPLICATOR-S-033F055OA
TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	TE Part # 7-2151863-1 OCEAN-2.0-APPLICATOR-S-033F055O	TE Part # 7-2151863-2 OCEAN-2.0-APPLICATOR-S-033F055OA	TE Part # 7-2151863-7 OCEAN_2.0_SPARE_PART_KIT-055F090OV

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)

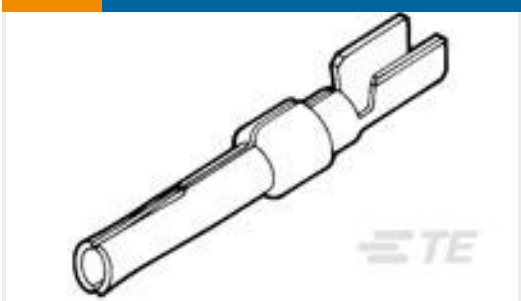


Wire-to-Board Connector Assemblies & Housings(585)

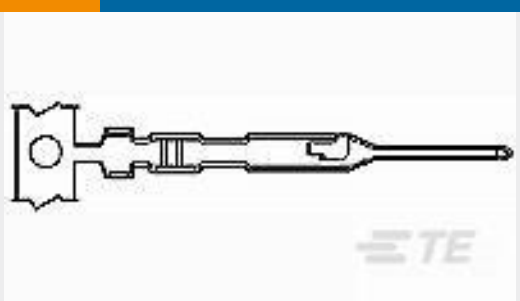
Customers Also Bought



TE Part #208491-1
CMC RECEPTACLE ASSY, SIZE 22



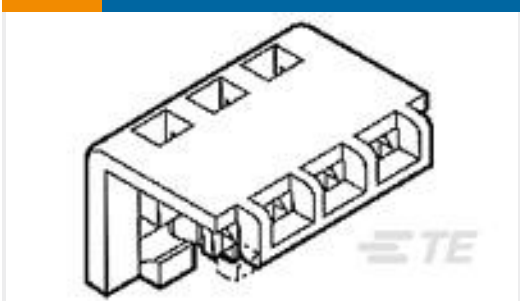
TE Part #205311-3
20 DF SOCKET PLTD



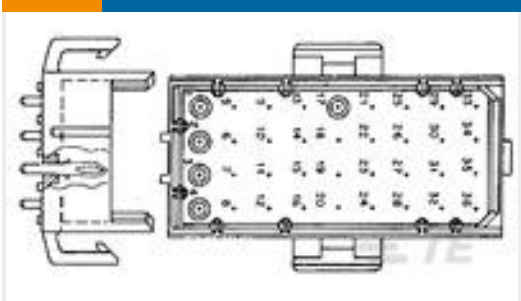
TE Part #1-104505-0
MTE PIN 22-26 AWG PLTD



TE Part #66098-3
III+ PIN, 18-16, 15AU/FL, STRIP



TE Part #1-643067-5
15P MTA156 MOLDED COVER



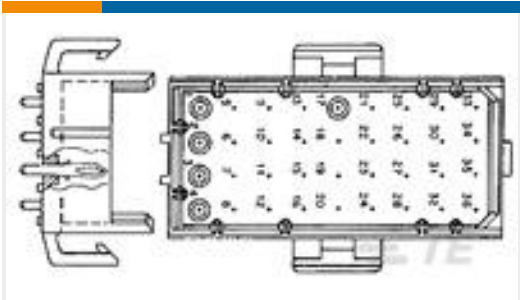
TE Part #640501-3
09P MR HDR ASSY V0



TE Part #1-66359-9
III+PIN, 18-14, TIN, STRIP



TE Part #193534-1
PIN ASSY, POWER, 12-14 AWG



TE Part #640500-2
06P MR HDR ASSY V0



TE Part #1424647-1
START SENSOR ASSY

Documents

Product Drawings
MTE PIN 28-32 AWG PLTD

English

CAD Files
3D PDF

English

Customer View Model
ENG_CVM_5-104506-6_H.3d_igs.zip



English

Customer View Model

[ENG_CVM_5-104506-6_H.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_5-104506-6_H.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5-104506-6_T.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-104506-6_T.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-104506-6_T.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT](#)

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[AMPMODU MTE INTERCONNECT SYSTEM](#)

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Product Specifications

[Application Specification](#)

English