



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Precious Metal**
Wire Contact Termination Area Plating Material: **Tin**
Contact Size: **Size 16**
Wire Size: **24 – 20 AWG**

Features

Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]
Contact Type	Pin
Contact Mating Area Plating Material	Precious Metal
Wire Contact Termination Area Plating Material	Tin
Contact Size	Size 16
Contact Base Material	Brass
Contact Current Rating (Max)	13 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire & Cable
Mechanical Attachment	
Wire Insulation Support	With
Dimensions	
Compatible Insulation Diameter Range	1.02 – 2.03 mm[.04 – .08 in]
Wire Size	.2 – .6 mm²
Usage Conditions	
Operating Temperature Range	-55 – 90 °C[-67 – 194 °F]
Operation/Application	
Circuit Application	Power & Signal
Packaging Features	
Packaging Quantity	100
Packaging Method	Box, 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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 58495-2 PROCrimper Die Assy Multimate	TE Part # 539972-1 Extraction Tool	TE Part # 91515-1 CCII Type III+ MNL Pin SKT 30-20 Assy	TE Part # 91505-1 CCII Type III+ 24-16 Assy
TE Part # 58495-1 PRO Crimper Assy Multimate	TE Part # 200893-2 Insertion Tool Cont	TE Part # 169400 CERTI-LOK Frame w/o Dies	TE Part # 305183 Extract Tool Type 2 20-16

Also in the Series | AMP Type III+

Connector Contacts(260)	Insertion & Extraction Tools(4)	Power Contacts(260)
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Also in the Series | Circular Plastic Connectors Series 1

Circular Power Connectors(211)	Connector Contacts(260)	Power Contacts(260)
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Customers Also Bought





TE Part #206036-1
RECEPT,SZ 17-16 CPC



TE Part #206705-2
CPC 13-9 FREE HANGING RECPT



TE Part #206966-7
CABLE SHELL CLAMP SIZE 13



TE Part #140717-2
110 FASTON,REC.,22-18 AWG,PTBR



TE Part #206037-1
CPC PLUG ASSEMBLY SIZE 17-16



TE Part #1-1625984-0
HSA50 150R 5%



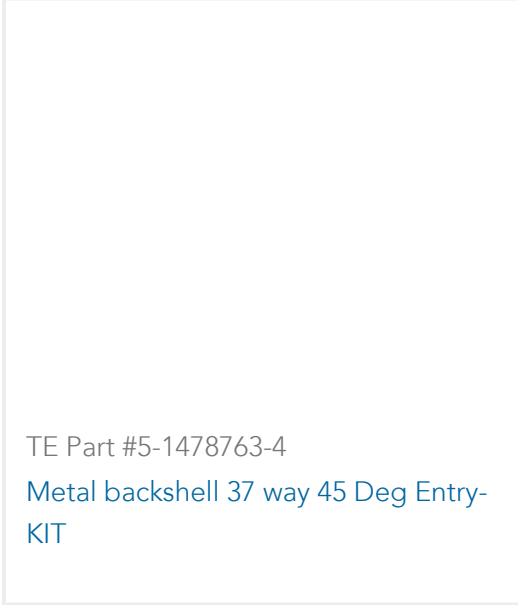
TE Part #206305-1
CPC PLUG ASSEMBLY SIZE 23-37



TE Part #7-534998-0
40 MODIV VRT DR CE 100/125



TE Part #5-1393144-1
K10P-11DT5-24=K10/K20



TE Part #5-1478763-4
Metal backshell 37 way 45 Deg Entry-KIT

Documents

Product Drawings
III+ PIN,24-20, 30AU/SN,SMPACK
English

CAD Files
Customer View Model
ENG_CVM_CVM_1-66103-7_AL.2d_dxf.zip
English
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-66103-7_AL.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1-66103-7_AL.3d_stp.zip
English

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

Product Specifications



Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

Japanese

Instruction Sheet (U.S.)

English