



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Precious Metal**
Wire Contact Termination Area Plating Material: **Gold**
Contact Retention Within Housing: **With**
Contact Retention Type Within Housing: **Locking Spring**

Features

Packaging Features

Packaging Quantity	4000
Packaging Method	Reel

Product Type Features

Discrete Wire Type	Solid or Stranded
Sealable	No

Dimensions

Compatible Insulation Diameter Range	2.03 – 2.54 mm[.08 – .1 in]
Wire Size	.8 – 1.4 mm²

Mechanical Attachment

Wire Insulation Support	With
Contact Retention Type Within Housing	Locking Spring

Contact Features

Contact Underplating Material	Nickel
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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	Matte
Contact Shape & Form	Round
Contact Length	27.1 mm[1.067 in]
Contact Mating Area Length	9.91 mm[.39 in]
Wire Contact Termination Area Plating Thickness	.25 µm[10 µin]
Barrel Type	Open
Contact Type	Pin
Contact Mating Area Plating Material	Precious Metal
Wire Contact Termination Area Plating Material	Gold
Contact Retention Within Housing	With
Contact Size	Size 16
Contact Base Material	Brass
Contact Current Rating (Max)	13 A

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Termination Features

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

Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]
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Operation/Application

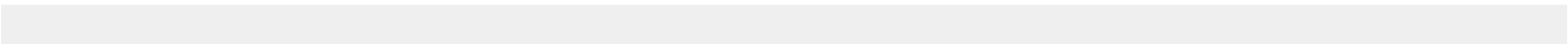
Circuit Application	Power & Signal
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 91505-1
CCII TYPE III+ 24-16 ASSY

TE Part # 200893-2
INSERTION TOOL CONT

TE Part # 58495-1
PRO CRIMPER ASSY MULTIMATE

TE Part # 539972-1
EXTRACTION TOOL

TE Part # 305183
EXTRACT TOOL TYPE 2 20-16

TE Part # 2151023-1
OCEAN_2.0_Applicator-S-080F120O-RSM

TE Part # 2151023-2
OCEAN_2.0_Applicator-S-080F120O-RSA



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp

TE Part # 5-2151023-1
OCEAN_2.0_Applicator-S-080F120O-RSM

TE Part # 5-2151023-2
OCEAN_2.0_Applicator-S-080F120O-RSA

TE Part # 7-2151023-7
OCEAN_2.0_SPARE_PART_KIT-080F120O

Also in the Series | AMP Type III+

Connector Contacts(397)

Insertion & Extraction Tools(4)

Customers Also Bought

TE Part #66507-3
20 DF PIN

TE Part #208490-1
PLUG ASSY,SZ 22,CMC

TE Part #184268-1
RCPT,PIDG FASTON 187 LIF 22-18

TE Part #66564-8
III+ PIN,24-20,30AU/FL,STRIP

TE Part #350570-7
UMNL SOK 24-18 AUBR

TE Part #350967-2
MR PIN AU/PHBZ

TE Part #330518
TERMINAL,PG R 12-10 10

TE Part #5531216-4
T/SPRING LP

TE Part #55675-1
RECEPT,PIDG FASTON 22-18 250

TE Part #1SET312990R0000
M12-FS-4P-PUR-1.0



Documents

Product Drawings

III+ PIN,18-16,30AU>10,STRIP

English

CAD Files

Customer View Model

ENG_CVM_66098-6_AE.3d_igs.zip

English

Customer View Model

ENG_CVM_66098-6_AE.3d_stp.zip

English

Customer View Model

ENG_CVM_66098-6_AE.2d_dxf.zip

English

3D PDF

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_66098-6_AP.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_66098-6_AP.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_66098-6_AP.3d_stp.zip

English

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Datasheets & Catalog Pages

AMP Circular Connectors for Commercial Signal & Power Applications

English

Signal Contacts

English

M_SERIES_PIN_AND_SOCKET_CONNECTORS

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

Japanese



Instruction Sheet (U.S.)

English