



TE Internal #: 1-66109-8
Socket Contact, Tin, Locking Lance Contact Retention, Size 16
Contact Size, 26 - 24 AWG Wire Size, .12 - .2 mm² Wire Size, Crimp,
Brass
[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Tin**
Wire Contact Termination Area Plating Material: **Tin**
Contact Retention Within Housing: **With**
Contact Retention Type Within Housing: **Locking Lance**

Features

Contact Features

Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Contact Shape & Form	Round
Contact Orientation	Straight
Contact Underplating Material	Nickel
Barrel Type	Open
Contact Type	Socket
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Size	Size 16
Contact Base Material	Brass



Contact Current Rating (Max)

13 A

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With
Contact Retention Type Within Housing	Locking Lance

Dimensions

Compatible Insulation Diameter Range	.89 - 1.4 mm[.035 - .055 in]
Wire Size	.12 - .2 mm ²

Usage Conditions

Operating Temperature Range	-55 - 90 °C[-67 - 194 °F]
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Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	100
Packaging Method	Box

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 91515-1
CCII TYPE III+ MNL PIN SKT 30-20
ASSY

TE Part # 58495-2
PROCRIMPER DIE ASSY MULTIMATE

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

Customers Also Bought

TE Part # 208488-1
CMC PLUG ASSEMBLY,SZ 22

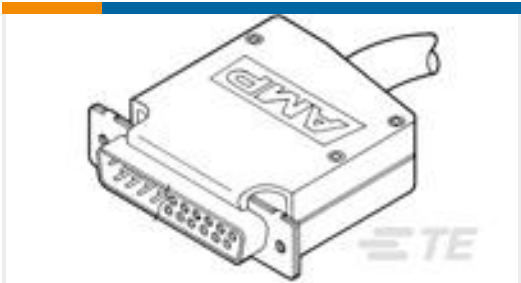
TE Part # 207464-7
HDP-20,PLUG,SIZE 3, 25 POSN

TE Part # 206039-1
CPC PLUG ASSEMBLY SIZE 17-28

TE Part # 52941
TERMINAL,PIDG SPR SPD 12-10 6



TE Part # 1-66109-7
[III+ SKT,26-24,TIN,LP](#)



TE Part # 5205718-1
[CABLE SUPPORT HSG ASSY](#)



TE Part # 170384-1
[250 FASTON,REC.,22-20 AWG,BR](#)



TE Part # 322455
[TERMINAL,SOLIS R 12-10 10](#)



TE Part # A49199-000
[B-155-3809](#)



TE Part # CONMMCX012-R178
[MMCX Jack 50 Ohm Cable Crimp](#)

Documents

Product Drawings

[III+ SKT,26-24,TIN,SMPACK](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1-66109-8_W.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-66109-8_W.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-66109-8_W.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English