1-66109-8 ✔ ACTIVE

Circular Plastic Connectors Series 1

TE Internal #: 1-66109-8

Tin (Sn), Socket Contact, 26 – 24 AWG, .12 – .2 mm² Wire, Locking Lance Contact Retention, Size 16, Crimp, Brass, Circular Plastic Connectors Series 1

View on TE.com >

Connectors > Contacts > Connector Contacts







Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin (Sn)**

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

Contact Retention Within Housing: **With**

Contact Retention Type Within Housing: **Locking Lance**

Features

Contact Features

Contact Shape & Form	Round
Barrel Type	Open
Contact Type	Socket
Contact Mating Area Plating Material	Tin (Sn)
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
Mating Pin Diameter	1.57 mm[.062 in]
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	.76 µm[30 µin]

Termination Features

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

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	With

Dimensions

Wire Size	.12 – .2 mm²
Compatible Insulation Diameter Range	.89 – 1.4 mm[.035 – .055 in]

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

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 58495-1
PRO CRIMPER ASSY MULTIMATE



TE Part # 200893-2
INSERTION TOOL CONT



TE Part # 305183
EXTRACT TOOL TYPE 2 20-16



TE Part # 539972-1
EXTRACTION TOOL



TE Part # 58495-2
PROCRIMPER DIE ASSY MULTIMATE



TE Part # 91515-1
CCII TYPE III+ MNL PIN SKT 30-20 ASSY

Also in the Series | Circular Plastic Connectors Series 1



Circular Power Connectors(211)



Connector Contacts(260)



Power Contacts(260)

Customers Also Bought



TE Part #1-66105-6
III+ SKT,24-20,TIN-LEAD,SMPACK



TE Part #1-66107-1
III+ PIN,26-24,TIN,LP



TE Part #1-66109-7
III+ SKT,26-24,TIN,LP



TE Part #211767-1
17-9 CPC RECEPT



TE Part #4-1393104-5
KRPA-11DG-24=KRPA



TE Part #1393143-7
27E123=SOCKET,KRP,11,SCW,SURF-MOUNT



TE Part #3-1618276-5
K61C841=RELAY, PRESSURIZED, SP



TE Part #1658615-2
25 POS HDF PLUG, AP, LEAD FREE



TE Part #1-6609028-3
10VK1=F7143 S0

TE Part #91002-1
TOOL SMALL WIRE INS

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

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

Product Specifications

Application Specification

English