66598-2 ✔ ACTIVE

AMP | AMP Type III+

TE Internal #: 66598-2

Socket Contact, Gold, Locking Lance Contact Retention, Size 16

Contact Size, Discrete Wire, 18 – 14 AWG Wire Size, .8 – 2 mm²

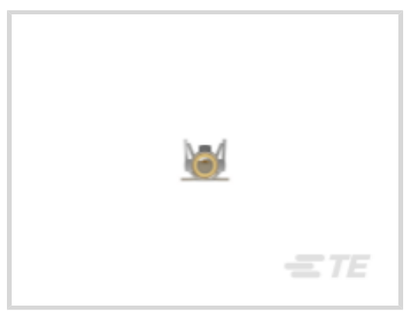
Wire Size, AMP Type III+

View on TE.com >

Connectors > Contacts > Connector Contacts







Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold**

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

Contact Retention Within Housing: **With**

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

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	2.79 – 3.81 mm[.11 – .15 in]
Wire Size	.8 – 2 mm²

Mechanical Attachment

Wire Insulation Support	With
Contact Retention Type Within Housing	Locking Lance

Contact Features

Contact Underplating Material	Nickel

Contact Orientation	Straight
Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	.76 µm[30 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]
Barrel Type	Open
Contact Type	Socket
Contact Mating Area Plating Material	Gold
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

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Termination Features

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

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

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 # 200893-2
INSERTION TOOL CONT



TE Part # 91521-1
CCII TYPE III+ PIN SKT 18-14 ASSY



TE Part # 539972-1
EXTRACTION TOOL



TE Part # 305183
EXTRACT TOOL TYPE 2 20-16



TE Part # 208470-1
CMC PLUG ASSEMBLY,SZ 28



TE Part # 208714-2
CMC PLUG ASSEMBLY,SZ 14-7



TE Part # 208714-1
CMC PLUG ASSEMBLY,SZ 14-7



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



TE Part # 788153-2

SLD CPC PLUG ASSY,11-4,REV SEX



TE Part # 211770-2

CPC PLUG ASSEMBLY SIZE 23-19



TE Part # 208457-1

CMC PLUG ASSEMBLY,SZ 28-24



TE Part # 211766-1

CPC PLUG ASSEMBLY SIZE 17-9



TE Part # 211772-1

CPC PLUG ASSEMBLY SIZE 23-19



TE Part # 213853-1

CPC PLUG ASSEMBLY SIZE 23-19



TE Part # 206305-1

CPC PLUG ASSEMBLY SIZE 23-37



TE Part # 796450-1

PLUG ASSY,CPC,17-9,REV SEX



TE Part # 796188-1

SLD CPC PLUG ASSY,23-24,STD SX



TE Part # 206150-1

CPC PLUG ASSEMBLY SIZE 23-37



TE Part # 796274-1

SLD CPC PLUG ASSY,17-16,STD SX



TE Part # 213850-1

CPC PLUG ASSEMBLY SIZE 23-37

Also in the Series | AMP Type III+



Connector Contacts(397)



Insertion & Extraction Tools(4)

Customers Also Bought



TE Part #53941-2

PIDG Ring Tongue Terminals



TE Part #211076-1

SINGLE CIR METRIMATE



TE Part #1-1318301-3

3.96EP HDR ASSY 3(5)P NAT/TUBE



TE Part #2106136-4

Assembly, Receptacle, 4-Position



TE Part #4-1393117-7
KUP-11D15-48=KU



TE Part #5-1393117-5
KUP-11D55-110=KU



TE Part #1766230-1
CONTACT,PIN,SIZE #1/4

Documents

Product Drawings

III+ SKT,18-14,30AU/FL,STRIP

English

CAD Files

Customer View Model

ENG_CVM_CVM_66598-2_AG.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_66598-2_AG.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_66598-2_AG.3d_stp.zip

English

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

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

Agency Approvals

Agency Approval Document

English