

66598-1 ✓ ACTIVE

AMP | AMP Type III+

TE Internal #: 66598-1

Power Contacts, Contact, Tin-Lead, 18 – 14 AWG Wire Size, .8 – 2 mm<sup>2</sup> Wire Size, Wire & Cable, Crimp, Power & Signal, Socket, AMP Type III+

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Tin-Lead**

Wire Size: **.8 – 2 mm<sup>2</sup>**

Connector & Contact Terminates To: **Wire & Cable**

## Features

### Product Type Features

Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable

### Contact Features

Contact Size	Size 16
Contact Mating Area Plating Material	Tin-Lead
Contact Current Rating (Max)	13 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	1.57 mm[.062 in]
Contact Base Material	Brass
Contact Mating Area Plating Material Thickness	2.54 μm[100 μin]
Wire Contact Termination Area Plating Thickness	2.54 μm[100 μin]
Wire Contact Termination Area Plating Material	Tin-Lead
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
------------------------------------	-------

### Mechanical Attachment

Wire Insulation Support	With
-------------------------	------

### Dimensions

Wire Size	.8 – 2 mm <sup>2</sup>
-----------	------------------------

Compatible Insulation Diameter Range	2.79 – 3.81 mm[.11 – .15 in]
--------------------------------------	------------------------------

### Usage Conditions

Operating Temperature Range	-55 – 90 °C[-67 – 194 °F]
-----------------------------	---------------------------

### Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

### Packaging Features

Packaging Quantity	4000
--------------------	------

Packaging Method	Reel
------------------	------

### Other

Power Connectors Comment	Contacts can only be used in Metrimate, Series 1 (Arr. 23-24), Series 4 (Arr. 23-13M, 23-16M, 23-22M), and VDE connectors.
--------------------------	--

## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
------------------------------	---------------

EU ELV Directive 2000/53/EC	Compliant with Exemptions
-----------------------------	---------------------------

China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
---	--------------------------------------

EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235)
--	--

Candidate List Declared Against: JUNE 2023 (235)

SVHC > Threshold:

Pb (13% in Component Part)

**Article Safe Usage Statements:**

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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



Also in the Series | **AMP Type III+**



Insertion &amp; Extraction Tools(4)



Power Contacts(409)

## Customers Also Bought

TE Part #53942-2  
PIDG Ring Tongue TerminalsTE Part #152873  
14-12 PIDG NYLON RT NO 8 WHITETE Part #326854  
BUDGET RING 16-14 2TE Part #YDTS20F15-18PNV001  
RECP ASSYTE Part #YDTS20F23-53PNV001  
RECP ASSYTE Part #YDTS26W17-35PCV001  
PLUG ASSYTE Part #2-1532180-0  
M83513/03-B04C, MCKS-C2-B-  
15P6G9-36.0TE Part #880686-2  
.140 DIA SOCKETTE Part #769576-000  
URHR-1

## Documents

### Product Drawings

III+ SKT,18-14,TIN-LEAD,STRIP

English

### CAD Files

Customer View Model

ENG\_CVM\_CVM\_66598-1\_AG.2d\_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_66598-1\\_AG.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_66598-1\\_AG.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

## Product Environmental Compliance

[MD\\_66598-1\\_123120142132\\_dmtec](#)

English

[MD\\_66598-1\\_123120142132\\_dmtec](#)

English

## Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

Japanese

[Instruction Sheet \(U.S.\)](#)

English

## Agency Approvals

[Agency Approval Document](#)

English