

III+ SKT,18-16,TIN-LEAD,SMPACK

✓ ACTIVE

AMP | AMP Type III+

TE Part # 1-66101-6

TE Internal #: 1-66101-6

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts



Product Type: **Contact**

Wire Size: **.8 – 1.4 mm²**

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

Contact Current Rating (Max): **13 A**

Features

Product Type Features

Product Type	Contact
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Test Current	13 A
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Contact Features

Contact Current Rating (Max)	13 A
Contact Type	Socket
Contact Base Material	Brass
Contact Mating Area Plating Material	Tin-Lead
Contact Mating Area Plating Thickness	2.54 μm[100 μin]
Contact Termination Area Plating Material	Tin-Lead
Contact Termination Area Plating Thickness	2.54 μm[100 μin]
Contact Underplating Material	Nickel
Underplate Material Thickness	.76 μm[30 μin]
Contact Size	16

Termination Features

Termination Type	Crimp
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions



Wire Size	.8 – 1.4 mm ²
Mating Pin Diameter	1.57 mm[.062 in]
Accepts Wire Insulation Diameter Range	2.03 – 2.54 mm[.08 – .1 in]

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 Method	Box, Loose Piece
Packaging Quantity	100

Other

Wire/Cable Type	Discrete Wire
For Use With	CPC Connectors, G Series Connectors, M Series 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	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2019 (197) Candidate List Declared Against: JUN 2016 (169)
Halogen Content	Not Yet Reviewed for halogen content
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An



Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

TE Part # 91523-1
CERTICRIMP 2,SAHT III+

TE Part # 91505-1
CERTICRIMP 2,SAHT TYPE III+

TE Part # 58495-1
PRO CRIMPER ASSY MULTIMATE

TE Part # 539972-1
EXTRACTION TOOL

TE Part # 91523-3
CERTICRIMP 2,SAHT TYPE III+

TE Part # 58495-2
PROCRIMPER DIE ASSY MULTIMATE

TE Part # 305183
EXTRACT TOOL TYPE 2 20-16

Also in the Series | AMP Type III+

Power Contacts(409)

Customers Also Bought

TE Part #5207661-3
RCPT ASSY,37P,HDP-20,CN

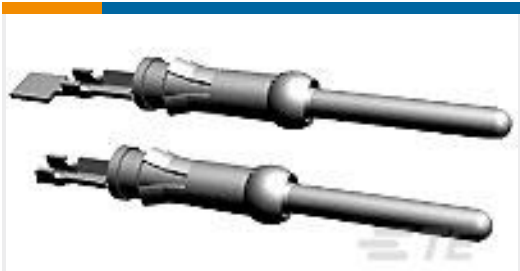
TE Part #2-66101-0
III+ SKT,18-16,TIN,SMPACK

TE Part #350523-1
15P STR/REL HSG HNGD V0 RED

TE Part #350524-1
24P STR/REL HSG HNGD V0 RED

III+ SKT,18-16,TIN-LEAD,SMPACK

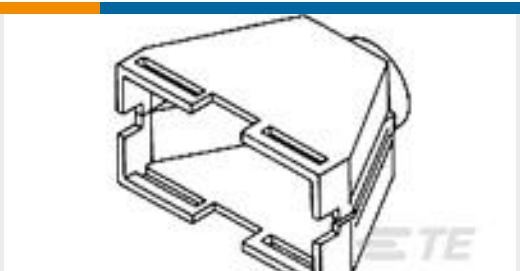
TE Part # 1-66101-6
TE Internal #: 1-66101-6



TE Part #1-66099-2
III+ PIN,18-16,TIN-LEAD,
SMPACK



TE Part #66399-1
III+ SKT,24-20,TIN-LEAD,LP



TE Part #480594-1
36P STR/REL HSG HNGD
V0 RED



TE Part #66506-8
PIN CONTACT, 20 DF

Documents

Product Drawings

III+ SKT,18-16,TIN-LEAD,SMPACK

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-66101-6_Z.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-66101-6_Z.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-66101-6_Z.3d_stp.zip

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

Japanese