66099-2 ✔ ACTIVE

AMP | AMP Type III+

TE Internal #: 66099-2

AMP Type III+, Power Contacts, Contact, Precious Metal, 18 – 16AWG Wire Size, .8 – 1.4mm² Wire Size, Wire & Cable, Crimp

View on TE.com >

Connectors > Power Connectors > Power Contacts

Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Precious Metal**

Wire Size: **.8 – 1.4 mm²**

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

Features

Product Type Features

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

Electrical Characteristics

Test Current	13 A

Contact Features

Contact Shape & Form	Round
Contact Mating Area Plating Material	Precious Metal
Contact Current Rating (Max)	13 A
Contact Type	Pin
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]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Material 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	1.27 µm[50 µin]

Contact Size	16

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Wire Size	.8 – 1.4 mm²
Accepts Wire Insulation Diameter Range	2.03 – 2.54 mm[.08 – .1 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Method	Carton, Loose Piece
Packaging Quantity	1000

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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

TE Part # 58495-2
PROCRIMPER DIE ASSY MULTIMATE

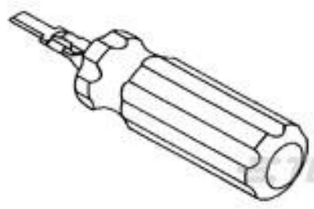
TE Part # 91505-1
CCII TYPE III+ 24-16 ASSY

TE Part # 200893-2
INSERTION TOOL CONT

TE Part # 58495-1
PRO CRIMPER ASSY MULTIMATE

TE Part # 91523-1
CCII TYPE III+ PIN SKT 24-16 ASSY

TE Part # 539972-1
EXTRACTION TOOL



TE Part # 1-305183-1
EXTRACT TOOL MATE-N-LOK P

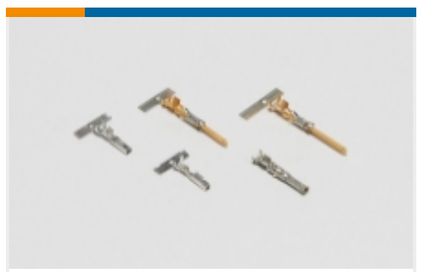
TE Part # 305183
EXTRACT TOOL TYPE 2 20-16

TE Part # 91523-3
CCII TYPE III+ PIN SKT 24-16 HEAD

TE Part # 169400
CERTI-LOK

Also in the Series | AMP Type III+

Insertion & Extraction Tools(4)

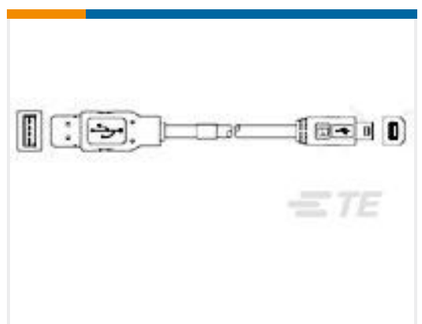


Power Contacts(405)

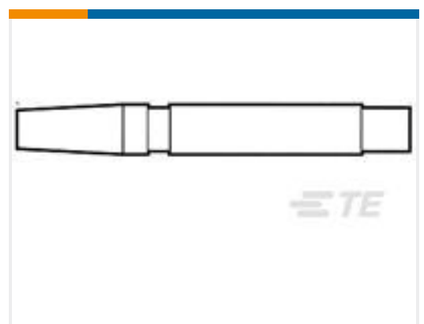
Customers Also Bought

TE Part #206036-2
CPC SERIES 3

TE Part #206322-9
CPC CABLE CLAMPS



TE Part #1487589-1
USB, A-B, 25/22, WHITE, 3.0M



TE Part #200821-1
CMNL KEYING PLUG

TE Part #2-1623927-8
CFR16 5% 1K5

TE Part #1622210-1
LR0204 1% 2K4

TE Part #132082-1
TERMINAL SOLISTRAND NI PL 18 16

TE Part #YAFD56-12-10SWC012
PLUG ASSY

Documents

Product Drawings

III+ PIN,18-16,TIN-LEAD,LP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_66099-2_AE.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_66099-2_AE.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_66099-2_AE.3d_stp.zip

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_66099-2_10312017718_dmtec

English

MD_66099-2_10312017718_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

Japanese

Agency Approvals

Agency Approval Document

English