

66565-1 ✓ ACTIVE

AMP | AMP Type III+

TE Internal #: 66565-1

Power Contacts, Contact, Gold, 24 – 20 AWG Wire Size, .2 – .6 mm²

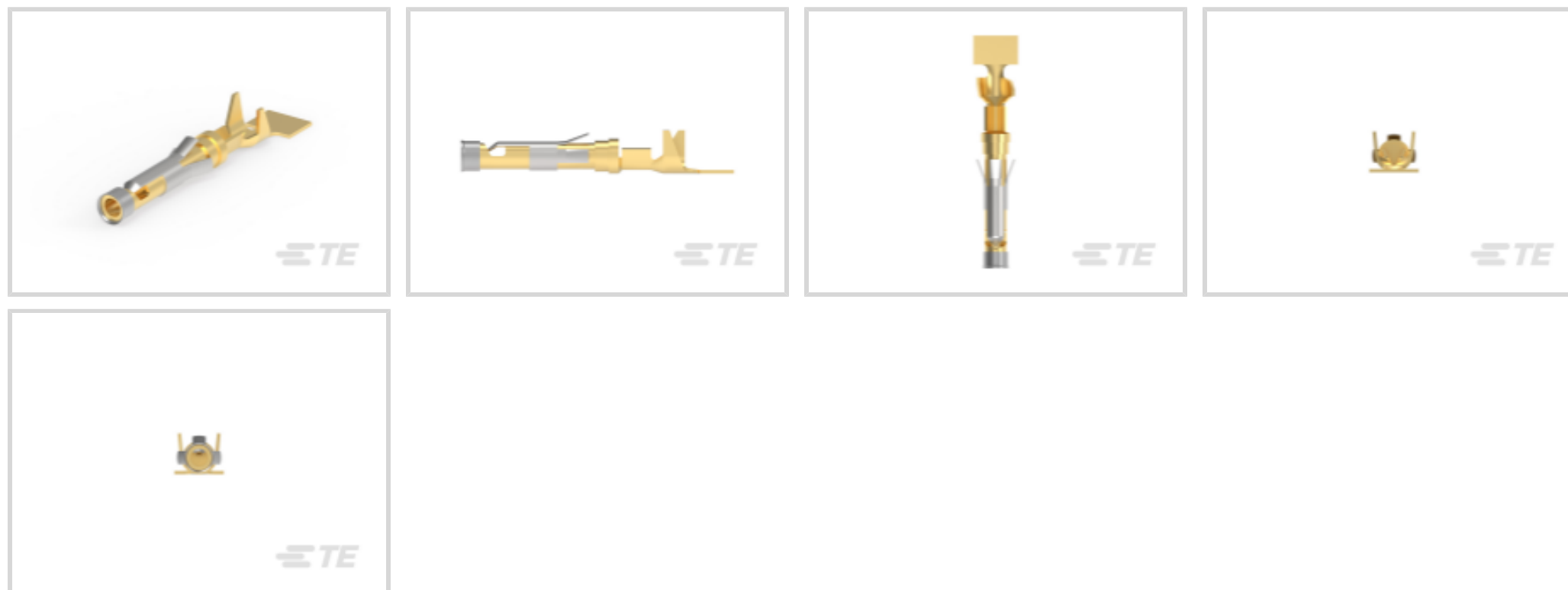
Wire Size, Wire & Cable, Crimp, Power & Signal, Socket, AMP Type

III+

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Gold**

Wire Size: **.2 – .6 mm²**

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
Barrel Type	Open
Contact Mating Area Plating Material	Gold
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	.76 µm[30 µin]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	.25 µm[10 µin]
Wire Contact Termination Area Plating Material	Gold



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
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	.2 – .6 mm ²
Compatible Insulation Diameter Range	1.52 – 3.05 mm[.06 – .12 in]

Usage Conditions

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

Circuit Application	Power & Signal
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Identification Marking

Contact Color Code	Yellow
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Packaging Features

Packaging Quantity	1000
Packaging Method	Carton

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 305183
EXTRACT TOOL TYPE 2 20-16




TE Part # 91542-1
CCII TYPE III+ PIN SKT 24-22 ASSY

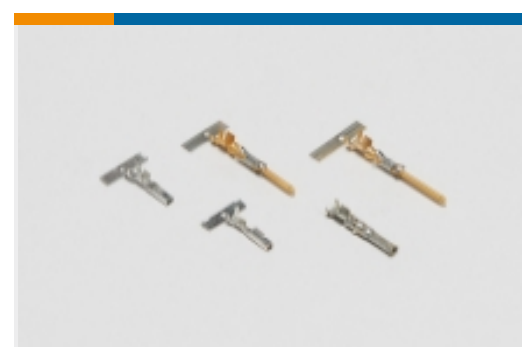


TE Part # 539972-1
EXTRACTION TOOL

Also in the Series | AMP Type III+



Insertion & Extraction Tools(4)



Power Contacts(409)

Customers Also Bought



TE Part #201330-1
CONTACT PIN ASSY.



TE Part #3-643816-8
08P MTA100 CONN ASSY POL RIB



TE Part #66564-8
III+ PIN,24-20,30AU/FL,STRIP



TE Part #353718-3
DYNAMIC D-3 TAB CONT. 3L AU 0.76 L/P



TE Part #207443-1
HSG RECEPT, 18 POSN, SM METRIC



TE Part #103653-7
08 MTE SHRD PIN HSG SR LATCH



TE Part #103648-7
08 MTE RCPT HSG SR RIB .100CL



TE Part #1-794407-0
MINI UMNL SOK 20-16 AWG AU LF



TE Part #3212430001
TMS-SCE-1K-1/2-2.0-S1-9

Documents

Product Drawings

III+ SKT, 24-20, 30AU > 10, LP

English

CAD Files

Customer View Model

[ENG_CVM_CVM_66565-1_H.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_66565-1_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_66565-1_H.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

[MD_66565-1_03262015103_dmtec](#)

English

[MD_66565-1_03262015103_dmtec](#)

English



Instruction Sheets

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

[Japanese](#)

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

[English](#)