



AMP | AMP Type III+

TE Internal #: 1-66564-2

AMP Type III+, Power Contacts, Contact, Tin, 24 – 20 AWG Wire Size, .2 – .6 mm² Wire Size, Wire & Cable, Crimp, Power & Signal, Pin

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts > TYPE III CONTACTS STRIP



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Tin**

Wire Size: **.2 – .6 mm²**

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

[All TYPE III CONTACTS STRIP \(55\)](#)

Features

Product Type Features

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

Electrical Characteristics

| | |
|--------------|------|
| Test Current | 13 A |
|--------------|------|

Contact Features

| | |
|---|------------------|
| Contact Mating Area Plating Material | Tin |
| 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] |
| Wire Contact Termination Area Plating Thickness | 2.54 μm[100 μin] |
| Wire Contact Termination Area Plating Material | Tin |
| Wire Contact Termination Area Plating Material Finish | Matte |
| Contact Orientation | Straight |
| Contact Underplating Material | Nickel |
| Contact Underplating Material Thickness | 1.27 μm[50 μin] |



| | |
|--------------|-------------|
| Barrel Type | Open Barrel |
| Contact Size | 16 |

Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

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

Dimensions

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

Usage Conditions

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

Operation/Application

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

Identification Marking

| | |
|------------|--------|
| Color Code | Yellow |
|------------|--------|

Packaging Features

| | |
|--------------------|------|
| Packaging Method | Reel |
| Packaging Quantity | 4000 |

Other

| | |
|-----------------|--|
| Wire/Cable Type | Discrete Wire |
| For Use With | CPC Connectors, G Series, M Series Connectors, Metrimate Drawer, Metrimate, Special M Series |
| 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](https://www.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: JAN 2022
(223)
Candidate List Declared Against: JAN 2022
(223)
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 # 2305570-1
TERMINAL CUTTER, SIDE FEED



TE Part # 2-2151669-1
OCEAN-2.0-APPLICATOR-S-062F1200



TE Part # 2-2151669-2
OCEAN-2.0-APPLICATOR-S-062F1200A



TE Part # 2151669-1
OCEAN-2.0-APPLICATOR-S-062F1200



TE Part # 2151669-2
OCEAN-2.0-APPLICATOR-S-062F1200A



TE Part # 7-2151669-1
OCEAN-2.0-APPLICATOR-S-062F1200



TE Part # 7-2151669-2
OCEAN-2.0-APPLICATOR-S-062F1200A




TE Part # 7-2151669-7
OCEAN_2.0_SPARE_PART_KIT-062F1200


TE Part # 466979-1
APPL,SCA 9SMPR062F1200 S

TE Part # 91542-3
CCII TYPE III+ PIN SKT 24-22 HEAD

Also in the Series | AMP Type III+



Insertion & Extraction Tools(4)

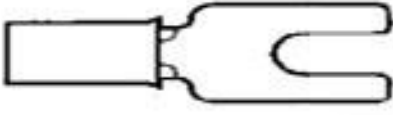


Power Contacts(414)

Customers Also Bought



TE Part #211149-1
PIN HSG,25 POSN,METRIMATE



TE Part #165012
PLASTI-GRIP, SPADE 16-14 8



TE Part #41472
RING TERMINAL 20-16 AWG TPBR



TE Part #62044-1
MIN AMVAR SPL 480-1700 016BR



TE Part #696126-1
HAND TOOL, SUPER CHAMP



TE Part #280001-9
250 FASTON, REC., 14-17 AWG, TPBR



TE Part #1SNA199571R2400
D1/5.ADO.1



TE Part #1SNA002351R0500
TB ASSY-ABB SACE-164791-GR.804



TE Part #37-100D
ASSY, PRES, TO-8, MDL 37, DIFF

Documents

Product Drawings

III+ PIN, 24-20, TIN, STRIP

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1-66564-2_AC.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-66564-2_AC.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-66564-2_AC.3d_stp.zip](#)

English

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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