



AMP | AMP Type III+

TE Internal #: 66393-7

Power Contacts, Contact, Gold, 30 – 26 AWG Wire Size, .05 – .15 mm² Wire Size, Wire & Cable, Crimp, Power & Signal, Pin, AMP Type III+

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts > Strip Pin and Socket Contacts, Type III



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Gold**

Wire Size: **.05 – .15 mm²**

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

[All Strip Pin and Socket Contacts, Type III \(55\)](#)

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 | Gold |
| 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 | .38 μm [15 μin] |
| Wire Contact Termination Area Plating Thickness | 1.27 μm [50 μin] |



| | |
|---|-----------------|
| Wire Contact Termination Area Plating Material | Tin |
| Wire Contact Termination Area Plating Material Finish | Bright |
| 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

| | |
|---------------------------------------|---------------|
| Contact Retention Type Within Housing | Locking Lance |
| Wire Insulation Support | With |

Dimensions

| | |
|--|-----------------------------|
| Wire Size | .05 – .15 mm ² |
| Accepts Wire Insulation Diameter Range | .36 – .76 mm[.014 – .03 in] |

Usage Conditions

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

Operation/Application

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

Packaging Features

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

Other

| | |
|-----------------|---|
| Wire/Cable Type | Discrete Wire |
| Spring Material | Stainless Steel |
| For Use With | CPC Connectors, G Series Connectors, M Series Connectors |
| Comment | Overall insulation crimp diameter, including crimp barrel, must not exceed 3.18 [.125]. |

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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 # 1-305183-1
EXTRACT TOOL MATE-N-LOK P



TE Part # 2-2151847-1
OCEAN_2.0_Applicator-S-062F055O



TE Part # 2-2151847-2
OCEAN_2.0_Applicator-S-062F055OA



TE Part # 2151847-1
OCEAN_2.0_Applicator-S-062F055O



TE Part # 2151847-2
OCEAN_2.0_Applicator-S-062F055OA



TE Part # 7-2151847-1
OCEAN_2.0_Applicator-S-062F055O

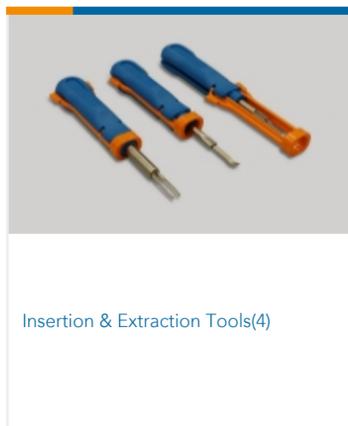


TE Part # 7-2151847-2
OCEAN_2.0_Applicator-S-062F055OA

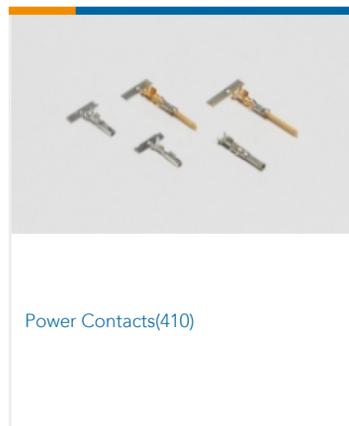


TE Part # 7-2151847-7
OCEAN_2.0_SPARE_PART_KIT-062F055O

Also in the Series | AMP Type III+



Insertion & Extraction Tools(4)



Power Contacts(410)

Documents

Product Drawings

III+ PIN,30-26,15AU/FL,STRIP

English

CAD Files

Customer View Model

ENG_CVM_CVM_66393-7_AD.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_66393-7_AD.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_66393-7_AD.3d_stp.zip

English



By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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

Product Environmental Compliance

TE Material Declaration

English

Instruction Sheets

Instruction Sheet (U.S.)

Japanese

Instruction Sheet (U.S.)

English