

1-163084-0 ✓ ACTIVE

AMP | AMP Type III+

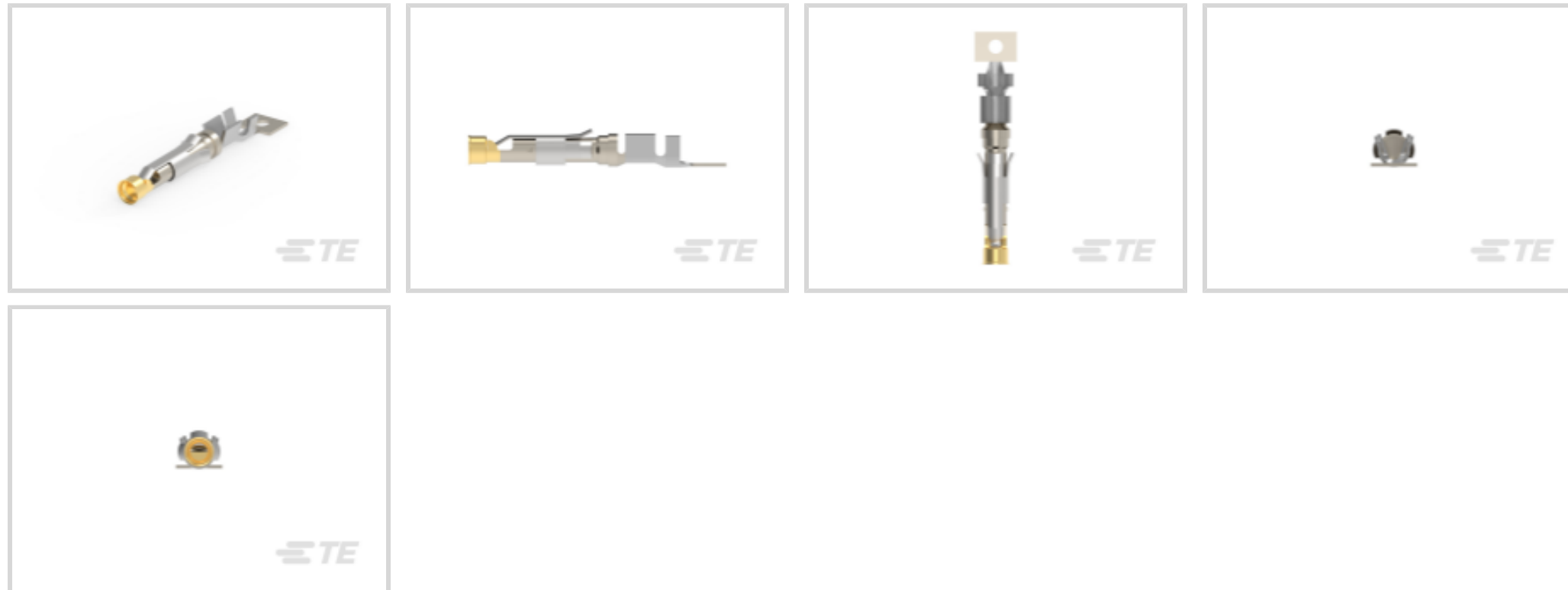
TE Internal #: 1-163084-0

Socket Contact, Gold, Size 16 Contact Size, 18 – 15 AWG Wire Size, .75 – 1.5 mm² Wire Size, Crimp, Brass, Power & Signal, AMP Type III+

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts > Pin and Socket Contacts, Type III, LP EMEA



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold**

Wire Contact Termination Area Plating Material: **Gold Flash**

Contact Retention Within Housing: **With**

Contact Size: **Size 16**

[All Pin and Socket Contacts, Type III, LP EMEA \(27\)](#)

Features

Product Type Features

| | |
|--------------------|----------|
| Discrete Wire Type | Stranded |
|--------------------|----------|

Contact Features

| | |
|---------------------|------------------|
| Mating Pin Diameter | 1.57 mm[.062 in] |
|---------------------|------------------|

| | |
|---|----------------|
| Contact Underplating Material Thickness | .76 µm[30 µin] |
|---|----------------|

| | |
|---|-----------------|
| Wire Contact Termination Area Plating Thickness | 1.02 µm[40 µin] |
|---|-----------------|

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

| | |
|--|----------------|
| Contact Mating Area Plating Material Thickness | .76 µm[30 µin] |
|--|----------------|

| | |
|---|--------|
| Contact Mating Area Plating Material Finish | Bright |
|---|--------|

| | |
|---------------------|----------|
| Contact Orientation | Straight |
|---------------------|----------|

| | |
|-------------------------------|--------|
| Contact Underplating Material | Nickel |
|-------------------------------|--------|

| | |
|--------------|--------|
| Contact Type | Socket |
|--------------|--------|

| | |
|--------------------------------------|------|
| Contact Mating Area Plating Material | Gold |
|--------------------------------------|------|

| | |
|--|------------|
| Wire Contact Termination Area Plating Material | Gold Flash |
|--|------------|



| | |
|----------------------------------|---------|
| Contact Retention Within Housing | With |
| Contact Size | Size 16 |
| Contact Base Material | Brass |
| Contact Current Rating (Max) | 13 A |

Termination Features

| | |
|------------------------------------|--------------|
| Termination Method to Wire & Cable | Crimp |
| Product Terminates To | Wire & Cable |

Mechanical Attachment

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

Dimensions

| | |
|--------------------------------------|---------------------------------|
| Compatible Insulation Diameter Range | 2.01 – 2.49 mm [.078 – .098 in] |
| Wire Size | .75 – 1.5 mm ² |

Usage Conditions

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

Operation/Application

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

Packaging Features

| | |
|--------------------|-----|
| Packaging Quantity | 200 |
| Packaging Method | Bag |

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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



Also in the Series | **AMP Type III+**

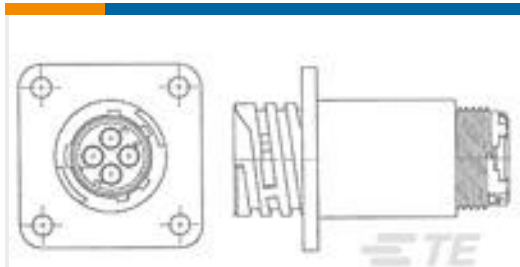


Connector Contacts(409)

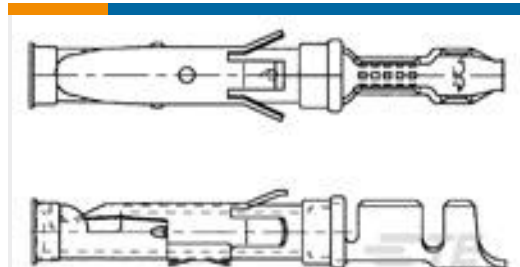


Insertion & Extraction Tools(4)

Customers Also Bought



TE Part #796095-2
SLD CPC RCPT ASY, 11-4, STD SEX



TE Part #163092-2
.062 DIA SOCKET ASSY 3+ (LP)



TE Part #182647-1
11-4 CPC PLUG



TE Part #TAD14747101-002
M12D4-MS-MS-FRNC TYPE B GREEN-1.0M



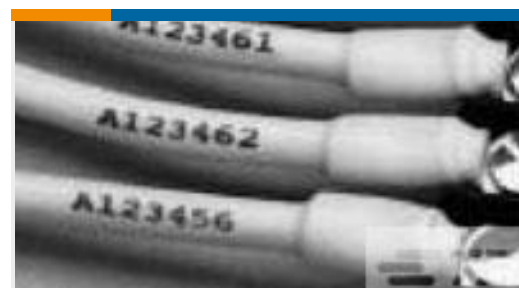
TE Part #63241-3
FF 110 REC 22-18AWG PTBR



TE Part #2176411-9
1/2W SM M/OX 5% 24K



TE Part #1-2176411-2
1/2W SM M/OX 5% 33K



TE Part #5053064027
RNF-100-3/16-4-SP

Documents

Product Drawings

[SPEC. PLATED](#)

English

[SPEC. PLATED](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-163084-0_AY.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-163084-0_AY.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-163084-0_AY.3d_stp.zip](#)



English

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

Product Specifications

Product Specification

English