



AMP | AMP Type III+

TE Internal #: 163087-1

Socket Contact, Tin, Size 16 Contact Size, 24 – 20 AWG Wire Size, .2 – .5 mm² Wire Size, Crimp, Brass, Power & Signal, AMP Type III+

[View on TE.com >](#)

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



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin**

Wire Contact Termination Area Plating Material: **Tin**

Contact Retention Within Housing: **With**

Contact Size: **Size 16**

[All Strip Pin and Socket Contacts, Type III, EMEA \(9\)](#)

Features

Product Type Features

Discrete Wire Type	Stranded
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Contact Features

Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	1.27 μm[50 μin]
Wire Contact Termination Area Plating Thickness	2.03 μm[80 μin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	2.03 μm[80 μin]
Contact Mating Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Socket
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Tin



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

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire & Cable
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Compatible Insulation Diameter Range	1.1 – 1.8 mm [.045 – .07 in]
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Wire Size	.2 – .5 mm ²
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Usage Conditions

Operating Temperature Range	-55 – 90 °C [-67 – 194 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Compatible With Agency/Standards Products	UL
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Packaging Features

Packaging Quantity	5000
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Packaging Method	Reel
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC
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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 # 58495-1
PRO CRIMPER ASSY MULTIMATE



TE Part # 539972-1
EXTRACTION TOOL



TE Part # 305183
EXTRACT TOOL TYPE 2 20-16



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



TE Part # 200893-2
INSERTION TOOL CONT




TE Part # 2384426-2
SDE F TYPE III+ 0.56-0.12mm² DIE SET




TE Part # 2384426-1
SDE F TYPE III+ 0.56-0.12mm² ASSY

Also in the Series | AMP Type III+



Connector Contacts(409)



Insertion & Extraction Tools(4)

Customers Also Bought



TE Part #770045-1
02P UMNL II CAP-FRONT 94VO



TE Part #2170902-1
HM-EZD+, 4PAIRS, 10COLS, VERTICAL,
ASSEMBLY



TE Part #2282268-1
10POS, NANOMQS, REC HSG, CODA



TE Part #2321924-5
RECEPTACLE HOUSING FREE
HANGING 5PIN



TE Part #2834313-2
4.0PITCH ITB CONN_2P_WO
CAP_NATURAL



TE Part #1-2040444-3
DYNAMIC 1500T TAB HSG 9PX F/H



TE Part #928885-3
110 FASTON FLAG REC 20-17 AWG
TPBR



TE Part #2109197-1
025/060/250 HYB LIF 41P CAP AS



TE Part #1452737-1
COVER 113 DEGREE



TE Part #2005510-2
SQUIB AK2 PLUG HSG1

Documents

Product Drawings

[.062 DIA SOC.ASS.3+](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_163087-1_AD.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_163087-1_AD.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_163087-1_AD.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_163087-1_AD1.3d_stp.zip](#)

English



Customer View Model

[ENG_CVM_CVM_163087-1_AD1.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_163087-1_AD1.3d_igs.zip](#)

English

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Product Specifications

[Product Specification](#)

English