



AMP | AMP Type III+

TE Internal #: 164840-2

Socket Contact, Gold, Size 16 Contact Size, 18 – 16 AWG Wire Size, .75 – 1.5 mm² Wire Size, Crimp, Phosphor Bronze, 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
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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	.076 μm[3 μin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
Contact Shape & Form	Round
Contact Mating Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Barrel Type	Open
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	Phosphor Bronze
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
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Dimensions

Compatible Insulation Diameter Range	2 – 2.5 mm [.08 – 1 in]
Wire Size	.75 – 1.5 mm ²

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	Blue
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Packaging Features

Packaging Quantity	200
Packaging Method	Loose Piece

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: JAN 2024 (240)



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 # 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 # 91523-1
CCII TYPE III+ PIN SKT 24-16 ASSY



TE Part # 2063487-1
SDE TYPE III+ 0.2-2.5mm² ASSY

REPRESENTATION ONLY. DIE SET MAY VARY.



TE Part # 2063487-2
SDE TYPE III+ 0.2-2.5mm² DIE SET

Also in the Series | AMP Type III+



Connector Contacts(409)

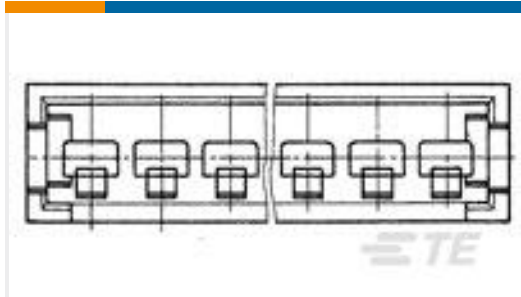


Insertion & Extraction Tools(4)

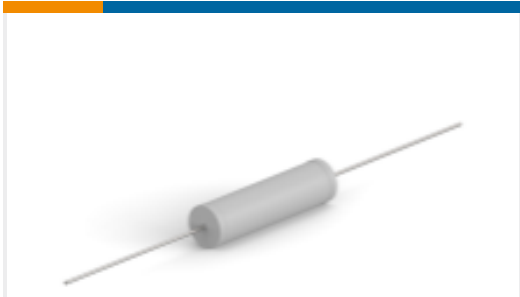
Customers Also Bought



TE Part #829261-6
HD FEMALE SCREWLOCK



TE Part #280629
AMPMODU II COSI PIN HSG, SGL ROW, 4 POS.



TE Part #4-2176414-8
7W STD M/OX 5% 1K8



TE Part #T2030011008-000
DEM-0.75



TE Part #826886-4
3P ECONOSEAL "E".



TE Part #1-1768018-7
EET-0920P-9



TE Part #2-1768019-5
EET-52105P-9



TE Part #1SNS420001Z1725
PE13NSF0033-B



TE Part #9-1768409-9
LBG-U-03088/EET74105

Documents

Product Drawings

062 M SRS.SOCKET 3+

English

CAD Files

Customer View Model

ENG_CVM_CVM_164840-2_D1.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_164840-2_D1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_164840-2_D1.2d_dxf.zip](#)

English

[3D PDF](#)

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Product Specifications

[Product Specification](#)

English