

1-66360-4 ✓ ACTIVE



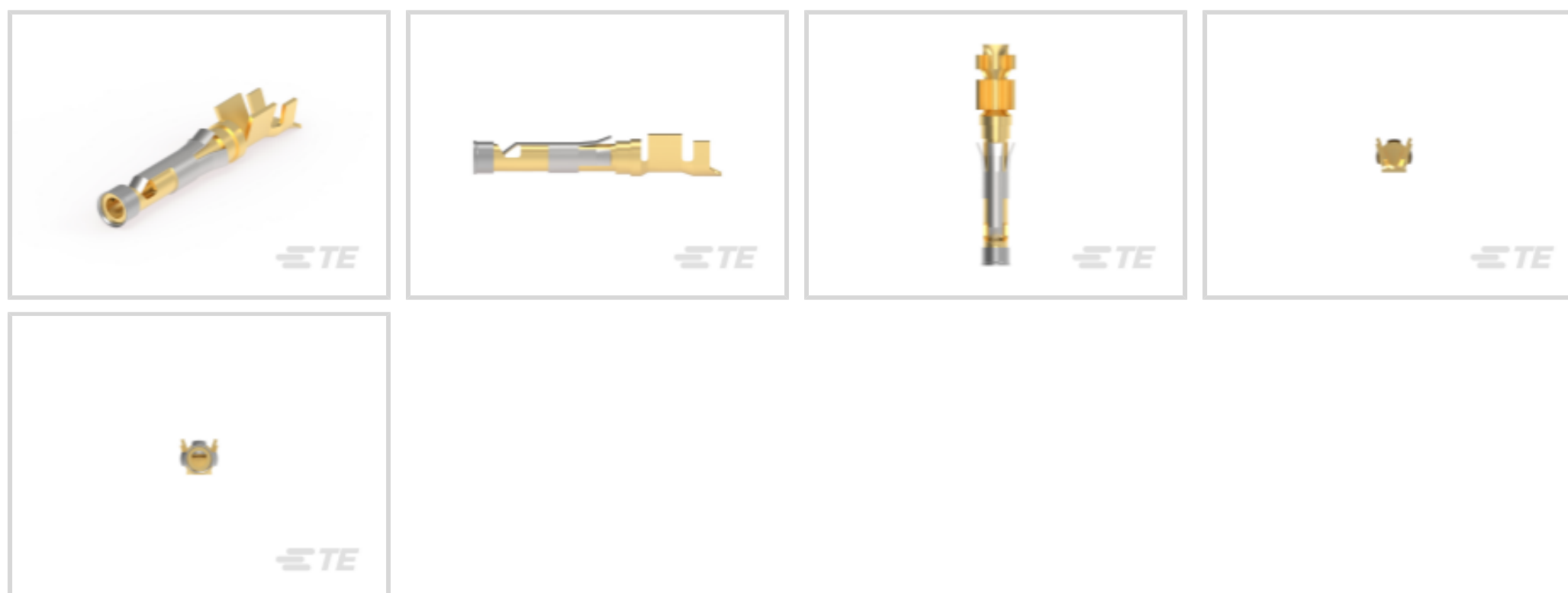
AMP | AMP Type III+

TE Internal #: 1-66360-4

Socket Contact, Gold, Size 16 Contact Size, 18 – 14 AWG Wire Size,
.8 – 2 mm² Wire Size, Crimp, Copper Nickel Alloy, Power & Signal,
AMP Type III+

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts > Pin and Socket Contacts, Type III, LP, High Current



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold**

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

Contact Retention Within Housing: **With**

Contact Size: **Size 16**

[All Pin and Socket Contacts, Type III, LP, High Current \(8\)](#)

Features

Contact Features

Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	.76 μm[30 μin]
Wire Contact Termination Area Plating Thickness	.12 – .2 μm[5 – 8 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
Contact Retention Within Housing	With
Contact Size	Size 16



Contact Base Material	Copper Nickel Alloy
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Contact Current Rating (Max)	25 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	2.03 – 2.54 mm [.08 – .1 in]
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Wire Size	.8 – 2 mm ²
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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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Packaging Features

Packaging Quantity	1000
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Packaging Method	Carton, Loose Piece
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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: JUNE 2024 (241) Does not contain REACH SVHC
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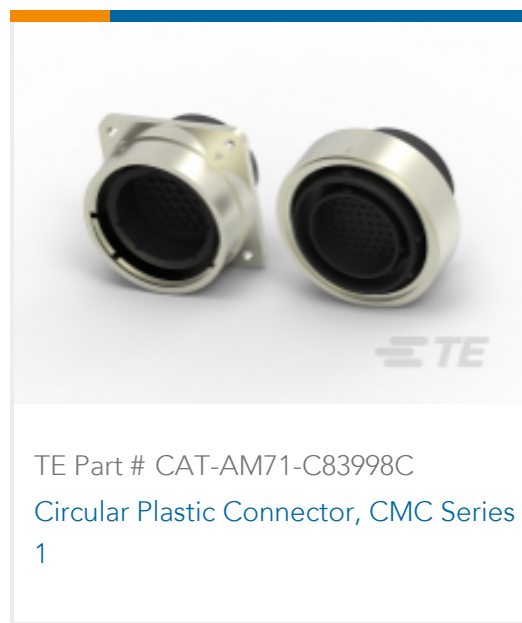
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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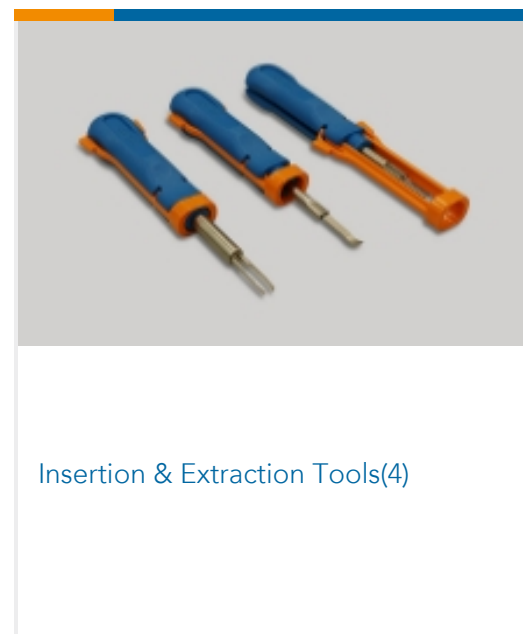
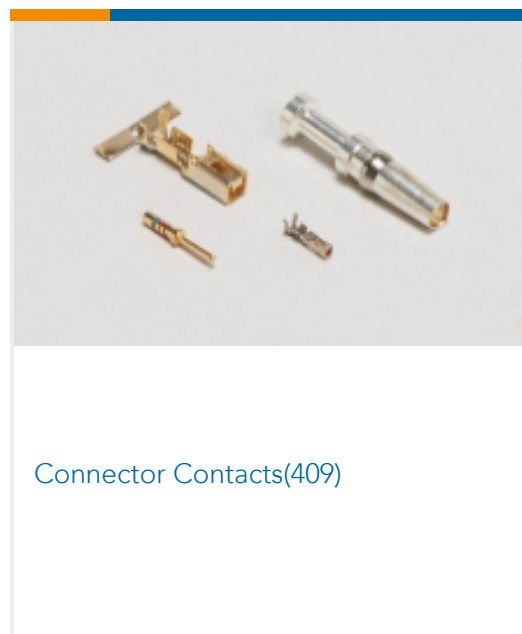
Product Compliance Disclaimer

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



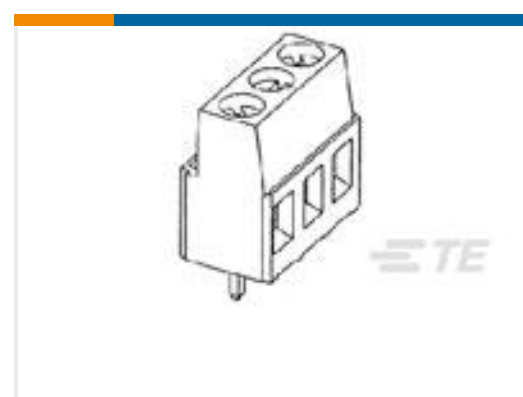
Also in the Series | AMP Type III+



Customers Also Bought



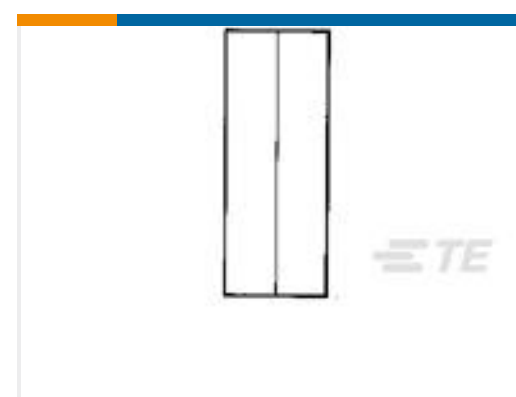
TE Part #T4132012031-000
M12 Panel Mount Solder Cups



TE Part #282841-6
TERMI-BLOK PCB MOUNT 6P. 5



TE Part #8-1437651-2
6PCR-05-006=6PCR ASSEMBLY



TE Part #8-34130-1
SPLC,SOLIS PARA 22-16C,22-18M



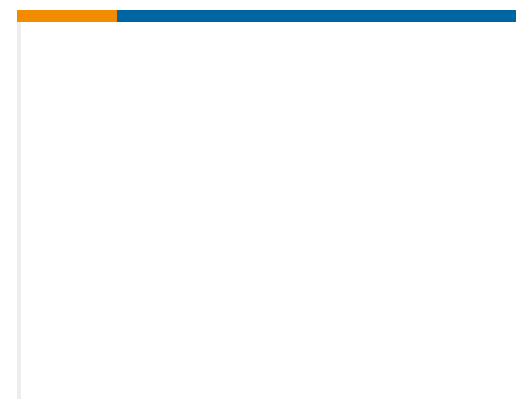
TE Part #1-2329328-1
PB OFF/ON HC BLK M3 TERM. IP68



TE Part #1-2335143-1
MINI I/O PLUG KIT TYPE II L,(100pc)



TE Part #A04570-000
HX-SCE-6.4-50-4



TE Part #2267473-3
SIZE 23 PERIPHERAL SEAL, CPC

Documents

Product Drawings

III+ SKT,18-14,30AU/FL,LP

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-66360-4_AH.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-66360-4_AH.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-66360-4_AH.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

Product Specifications

[Engineering Report](#)

English

1-66360-4

Socket Contact, Gold, Size 16 Contact Size, 18 – 14 AWG Wire Size, .8 – 2 mm² Wire Size, Crimp, Copper Nickel Alloy, Power & Signal, AMP Type III+

