



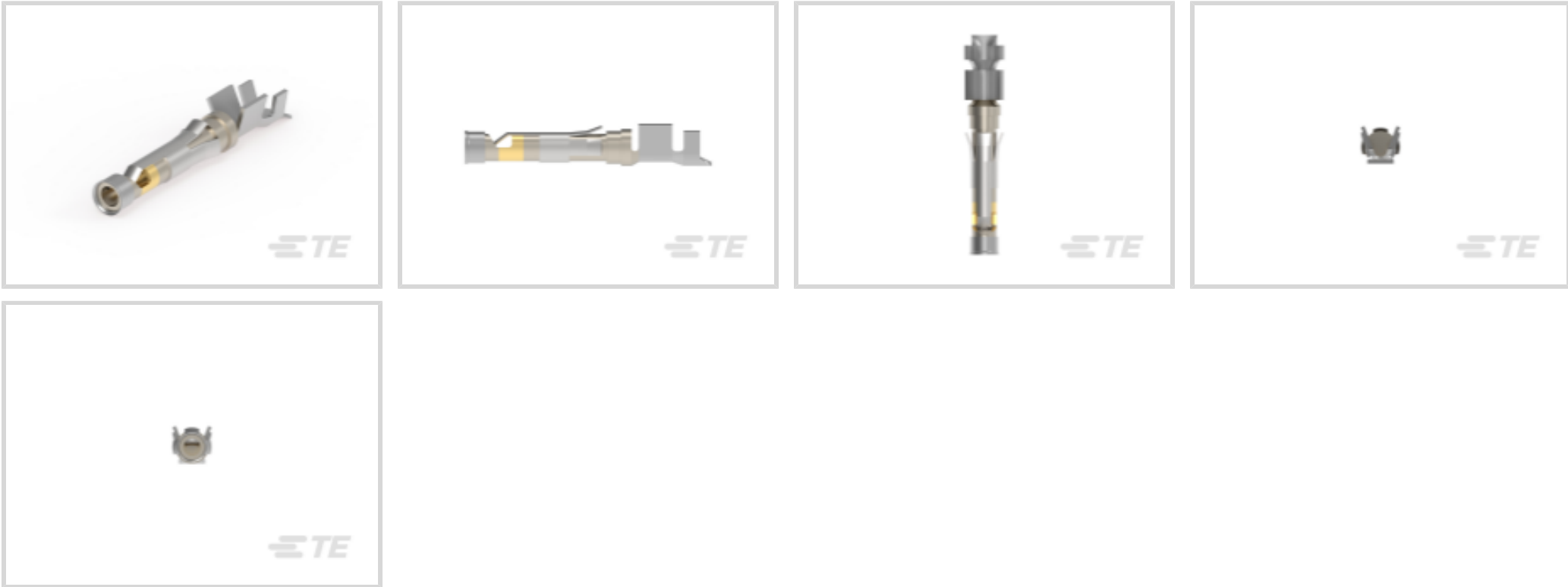
AMP | AMP Type III+, Circular Plastic Connectors Series 1

TE Internal #: 1-66360-1

Socket Contact, Gold (Au), Size 16 Contact Size, 18 – 14 AWG, .8 – 2 mm² Wire, Crimp, Brass, Power & Signal, -55 – 90 °C [-67 – 194 ° F], AMP Type III+

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Gold (Au)**
Wire Contact Termination Area Plating Material: **Tin**
Contact Size: **Size 16**
Wire Size: **18 – 14 AWG**

Features

Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Tin
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
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Dimensions

Compatible Insulation Diameter Range	2.03 – 2.54 mm[.08 – .1 in]
Wire Size	.8 – 2 mm²

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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Packaging Features

Packaging Quantity	100
Packaging Method	Box, 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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 305183 EXTRACT TOOL TYPE 2 20-16	 TE Part # 200893-2 INSERTION TOOL CONT	 TE Part # 539972-1 EXTRACTION TOOL	 TE Part # 91519-1 CCII TYPE III+ PIN SKT 18-14 ASSY
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Also in the Series | AMP Type III+

 Connector Contacts(260)	 Insertion & Extraction Tools(4)	 Power Contacts(260)
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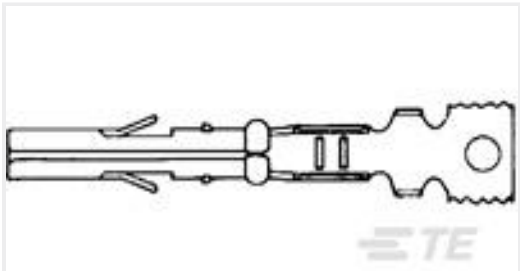
Also in the Series | Circular Plastic Connectors Series 1

 Circular Power Connectors(211)	 Connector Contacts(260)	 Power Contacts(260)
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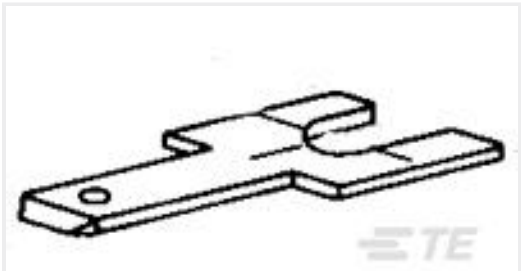
Customers Also Bought

 TE Part #350551-1 UMNL SOK 20-14 PTPBR L/P	 TE Part #1-66361-0 III+ PIN,18-14,TIN-LEAD,SMPACK	 TE Part #770156-4 4P CMNL IDC PLUG 20AWG YEL V2	 TE Part #211824-1 CPC PLUG ASSEMBLY 23-13
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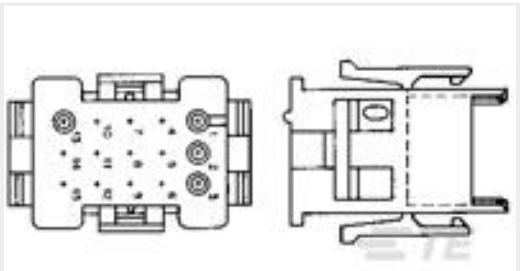




TE Part #641300-2
MR RECPT AUPHBZ LP 26-18



TE Part #62061-1
110 FASTON TAB BR



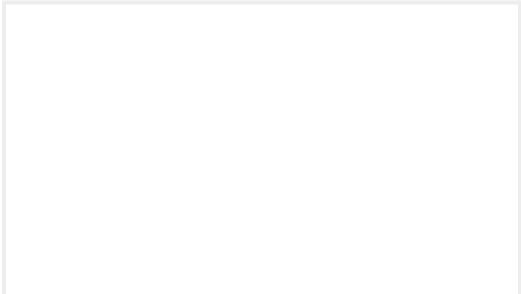
TE Part #1-640512-0
12P MR II CAP HSG



TE Part #60619-7
CMNL SOK AUPHBZ L/P



TE Part #87133-6
20 LOCKING CLIP HSG DR MRKD



TE Part #PF0001822
P011NT_5K1% 4.7X_68 2N

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-66360-1_AH.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-66360-1_AH.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-66360-1_AH.3d_stp.zip

English

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

Product Specifications

Engineering Report

English

Instruction Sheets

Instruction Sheet (U.S.)

Japanese

Instruction Sheet (U.S.)

English