201613-1 ✔ ACTIVE

AMP | AMP Type II

TE Internal #: 201613-1

AMP Type II, Power Contacts, Contact, Gold, 28 – 24AWG Wire Size, .08 – .24mm² Wire Size, Wire-to-Wire, 1 Position, Wire & Cable, Crimp

View on TE.com >

Connectors > Power Connectors > Power Contacts

Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Gold**

Wire Size: **.08 – .24 mm²**

Connector System: **Wire-to-Wire**

Features

Product Type Features

Power Contact Type	Contact
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1

Electrical Characteristics

Test Current	13 A

Contact Features

Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	13 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	1.57 mm[.062 in]
Contact Base Material	Brass
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Material	Gold

Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Size	16

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Contact Retention Type Within Housing	Snap-In
Wire Insulation Support	With

Dimensions

Wire Size	.08 – .24 mm²
Accepts Wire Insulation Diameter Range	.89 – 1.4 mm[.035 – .055 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-55 – 302 °F]

Operation/Application

Circuit Application	Signal

Identification Marking

Color Code	Red

Packaging Features

Packaging Method	Loose Piece

Other

Wire/Cable Type	Discrete Wire
For Use With	CPC Connectors, G Series Connectors, M Series Connectors
Comment	Extraction Tool No. 305183, Insertion Tool No. 200893-2 (for insulation diameters 1.78 [.07] or less)., Use turret TH501 (p/n 1-601967-5) with hand tool 601967-1.

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions

EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Pb (.11% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 Model / Part # CAT-AM71-C83998C
CMC SERIES 1

TE Model / Part # CAT-AM71-C83998J
CPC SERIES 1

TE Model / Part # CAT-AM71-C83998K
CPC SERIES 6

TE Model / Part # CAT-AM71-C83998Y
CPC SERIES 1 SEALED ONE-PIECE

TE Model / Part # 601967-1
CRIMPING TOOL M22520/1-01

TE Model / Part # 200893-2
INSERTION TOOL CONT

TE Model / Part # 539972-1
EXTRACTION TOOL

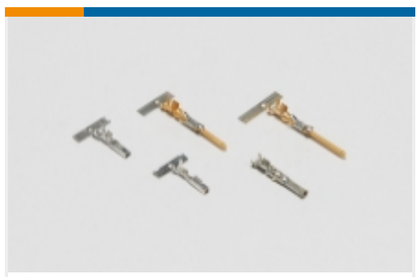
TE Model / Part # 305183
EXTRACT TOOL TYPE 2 20-16

TE Model / Part # 91538-1
CERTICRIMP 2,SAHT TYPE II

TE Model / Part # 1-601967-5
POSITIONER TYPE II CONTACTS

Also in the Series | AMP Type II

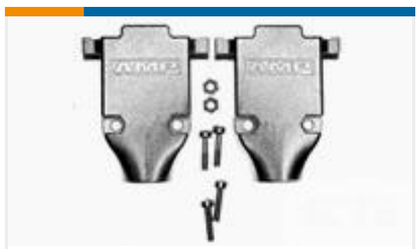
Insertion & Extraction Tools(5)



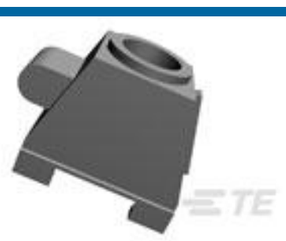
Power Contacts(36)

Customers Also Bought

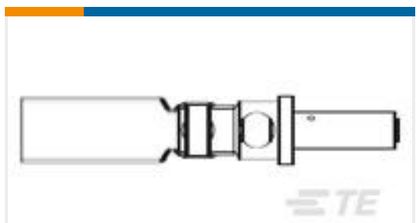
TE Model / Part #201611-1
TYPE II CONTACTS



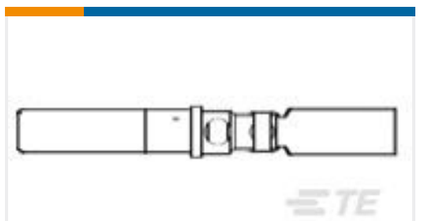
TE Model / Part #5745175-6
CABLE CLAMP KIT,SZ 5



TE Model / Part #1-350523-9
15P MR STR/REL HNG BLK



TE Model / Part #845569-000
D-602-0278



TE Model / Part #910661-000
D-602-0279

TE Model / Part #1-745508-0
FERRULE SPLIT RING, HD

TE Model / Part #ZPF000000000000340
006-0912-20

TE Model / Part #641191-3
03P MTA100 CONN ASSY WHT 24AWG

Documents

Product Drawings

CONTACT SOCKET ASSY.

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_201613-1_R.3d_igs.zip

English

Customer View Model

ENG_CVM_201613-1_R.3d_stp.zip

English

Customer View Model

ENG_CVM_201613-1_R.2d_dxf.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

Signal Contacts

English

M_SERIES_PIN_AND_SOCKET_CONNECTORS

English

AMP Circular Connectors for Commercial Signal & Power Applications

English

Product Specifications

Application Specification

English

Application Specification

Japanese

Product Environmental Compliance

TE Material Declaration

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Application and Maintenance for Crimping Die Assemblies

English

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

Japanese