1-66358-7 ✔ ACTIVE

AMP | AMP Type III+

TE Internal #: 1-66358-7

Socket Contact, Tin, Size 16 Contact Size, 18 – 14 AWG Wire Size, . 8 – 2 mm² Wire Size, Crimp, Brass, Power & Signal, AMP Type III+

View on TE.com >

Connectors > Contacts > Connector Contacts



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**

Features

Mechanical Attachment

Wire Insulation Support	With

Packaging Features

Packaging Method	Reel
Packaging Quantity	4000

Dimensions

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

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]
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]

Wire Contact Termination Area Plating Material Finish	Bright
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
Contact Base Material	Brass
Contact Current Rating (Max)	13 A

Termination Features

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

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

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: JUNE 2024 (241) 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 # 91519-1
CCII TYPE III+ PIN SKT 18-14 ASSY



TE Part # 200893-2
INSERTION TOOL CONT



TE Part # 539972-1
EXTRACTION TOOL



TE Part # 305183
EXTRACT TOOL TYPE 2 20-16

Also in the Series | AMP Type III+

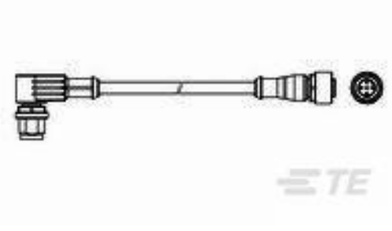


Connector Contacts(397)



Insertion & Extraction Tools(4)

Customers Also Bought



TE Part #1-2273122-2
M12 angled plug to M12 strgt socket AA



TE Part #T4111511041-000
M12 M, 4P GOLD D_CODE S SHIELDED PG7



TE Part #350213-1
12P CMNL HDR ASSY PC NATL



TE Part #1-66359-9
III+PIN,18-14,TIN,STRIP



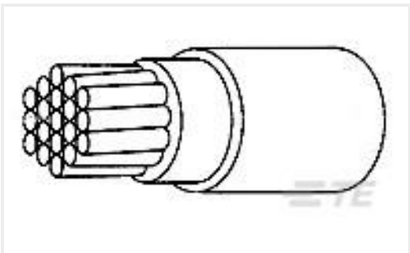
TE Part #171508-5
PIDG RING UL.CSA(22-16)



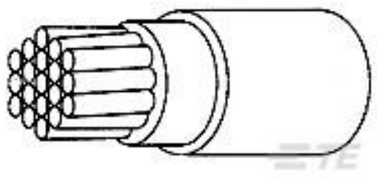
TE Part #1734248-9
1.0 FPC, ZIF V/T, SMT, 9P



TE Part #0989076002
RBK-ILS-125-NR2-0-50MM



TE Part #3030213001
100G0111-1.50-9



TE Part #6459633001
100G0111-0.50-9

Documents

Product Drawings

III+ SKT,18-14,TIN ,STRIP

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-66358-7_AR.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-66358-7_AR.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-66358-7_AR.3d_stp.zip

English

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

Product Specifications

Application Specification

English