

AMP | AMP Type III+

TE Internal #: 163083-2

Socket Contact, Gold, Size 16 Contact Size, 18 – 16 AWG Wire Size, .75 – 1.5 mm² Wire Size, Crimp, Brass, Power & Signal, AMP Type

|||+

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Connectors > Contacts > Connector Contacts











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

Features

Product Type Features

Discrete Wire Type	Stranded
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 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 Flash
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
Mechanical Attachment	
Wire Insulation Support	With
Dimensions	
Compatible Insulation Diameter Range	2 – 2.5 mm[.078 – .098 in]
Wire Size	.75 – 1.5 mm²
VVII C SIZC	./3 = 1.3 111111-
Usage Conditions	./3 - 1.3 11111-
	-55 – 150 °C[-67 – 302 °F]
Usage Conditions	
Usage Conditions Operating Temperature Range	
Usage Conditions Operating Temperature Range Operation/Application	-55 – 150 °C[-67 – 302 °F]
Usage Conditions Operating Temperature Range Operation/Application Circuit Application	-55 – 150 °C[-67 – 302 °F]
Usage Conditions Operating Temperature Range Operation/Application Circuit Application Identification Marking	-55 – 150 °C[-67 – 302 °F] Power & Signal
Usage Conditions Operating Temperature Range Operation/Application Circuit Application Identification Marking Contact Color Code	-55 – 150 °C[-67 – 302 °F] 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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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





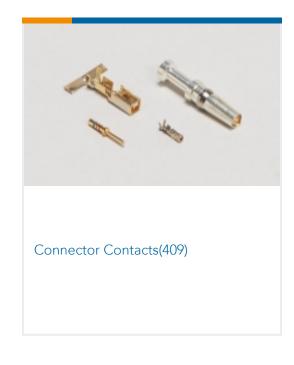


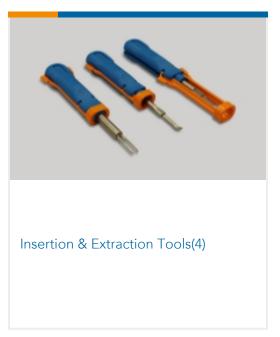






Also in the Series | AMP Type III+





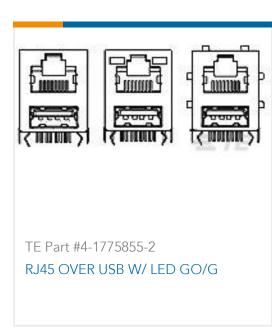
Customers Also Bought

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TE Part #3742613133 Speed sen DSD 1620.71 P10HW

TE Part #20003530-00 Speed sen DSD 1620.71 P16HW-F64G (1.62m)

Documents

Product Drawings

.062 DIA SOC ASS 3+

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_163083-2_AY.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_163083-2_AY.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_163083-2_AY.3d_stp.zip

English

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

Product Specifications

Product Specification

English