163083-8 DO NOT USE FOR NEW DESIGN

AMP | AMP Type III+

TE Internal #: 163083-8

Tin (Sn), Socket Contact, 18 – 16 AWG, .75 – 1.5 mm² Wire, Size 16, 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: **Tin (Sn)**

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

Contact Retention Within Housing: **With**

Contact Size: **Size 16**

Features

Product Type Features

Discrete Wire Type	Stranded

Contact Features

Contact Type	Socket
Contact Mating Area Plating Material	Tin (Sn)
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
Mating Pin Diameter	1.57 mm[.062 in]
Contact Mating Area Plating Material Thickness	2.03 µm[80 µin]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Material Thickness	2.03 µm[80 µin]
Wire Contact Termination Area Plating Material Finish	Bright

Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Wire Size	.75 – 1.5 mm²
Compatible Insulation Diameter Range	2 – 2.5 mm[.078 – .098 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Identification Marking

Contact Color Code	Blue

Packaging Features

Packaging Quantity	5000
Packaging Method	Reel

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 2151023-2
OCEAN_2.0_Applicator-S-080F120O-RSA



TE Part # 5-2151023-2
OCEAN_2.0_Applicator-S-080F120O-RSA



TE Part # 305183
EXTRACT TOOL TYPE 2 20-16



TE Part # 2151023-1
OCEAN_2.0_Applicator-S-080F120O-RSM



TE Part # 58495-1
PRO CRIMPER ASSY MULTIMATE



TE Part # 7-2151023-7
OCEAN_2.0_SPARE_PART_KIT-080F120O



TE Part # 91505-1
CCII TYPE III+ 24-16 ASSY



TE Part # 58495-2
PROCRIMPER DIE ASSY MULTIMATE



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 539972-1
EXTRACTION TOOL



TE Part # 200893-2
INSERTION TOOL CONT



TE Part # 5-2151023-1
OCEAN_2.0_Applicator-S-080F120O-RSM

Also in the Series | AMP Type III+



Connector Contacts(365)



Insertion & Extraction Tools(4)



Power Contacts(365)

Customers Also Bought



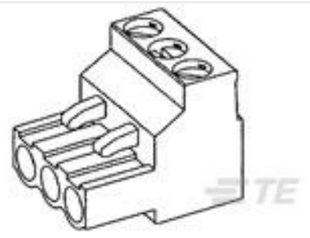
TE Part #1SNK510150R0000
ZS16-PE



TE Part #T2010042101-000
HA-004-M



TE Part #1SNA125124R0100
M35/16.N



TE Part #1-796634-0
10 POS 5.08MM R/A PLUG,TRM BLK



TE Part #962905-1
TAB AS 4.8x0.8 CONTACT CS SWS Sn



TE Part #1-1393243-4
RTE24110

TE Part #1SNA002351R0500
TB ASSY-ABB SACE-164791-GR.804



TE Part #1SNA399719R1000
PEAD

TE Part #5-163081-4
.062 DIA PIN ASSY 3+ WITH SPL PACKAGING

TE Part #3-1106204-5
HIP/EMV.24/64.SKB

Documents

Product Drawings

.062 DIA SOC.ASS.3+

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_163083-8_AY.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_163083-8_AY.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_163083-8_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