163081-1 ✔ ACTIVE

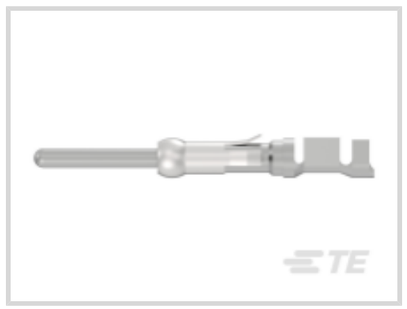
AMP | AMP Type III+

TE Internal #: 163081-1

Pin Contact, Tin, Size 16 Contact Size, 18 – 16 AWG Wire Size, .75 – 1.5 mm² Wire Size, Crimp, Brass, Power & Signal, AMP Type III+

View on TE.com >

Connectors > Contacts > Connector Contacts


Contact Type: **Pin**

Contact Mating Area Plating Material: **Tin**

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

Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Thickness	5 µm[1.97 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	5 µm[197 µin]
Contact Mating Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Pin
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

Mechanical Attachment

Wire Insulation Support	With

Dimensions

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

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 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

TE Part # 58495-2
PROCRIMPER DIE ASSY MULTIMATE

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

TE Part # 200893-2
INSERTION TOOL CONT

TE Part # 58495-1
PRO CRIMPER ASSY MULTIMATE

TE Part # 539972-1
EXTRACTION TOOL

TE Part # 305183
EXTRACT TOOL TYPE 2 20-16

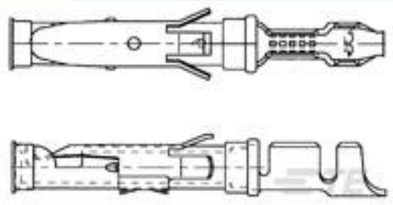
Also in the Series | AMP Type III+

Connector Contacts(409)

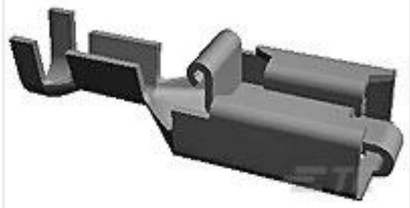
Insertion & Extraction Tools(4)

Customers Also Bought

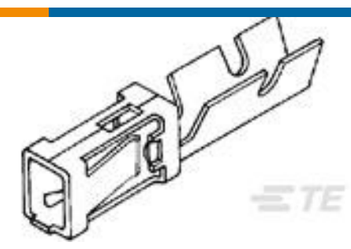
TE Part #206036-4
Two-Piece Receptacle, CPC Series 6



TE Part #163083-8
.062 DIA SOC.ASS.3+



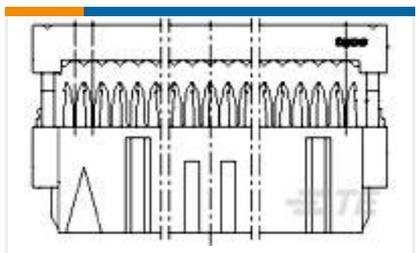
TE Part #63812-1
250 PL MKI REC. 18-14AWG TPBR



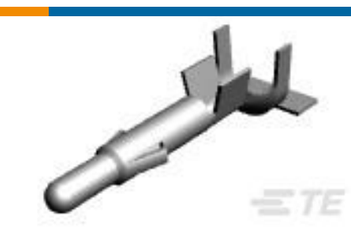
TE Part #280702-1
AMPMODU CONT.

TE Part #C39701-000
B-155-3810

TE Part #1-2335143-1
MINI I/O PLUG KIT TYPE II L,(100pc)



TE Part #1-215915-4
AMP-LATCH 15.2 HIGH TAPE



TE Part #926868-1
UNIV.M-N-L.PIN

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_163081-1_BA.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_163081-1_BA.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_163081-1_BA.3d_stp.zip

English

Product Specifications

Product Specification

English