

5-163085-2 ✓ ACTIVE

AMP | AMP Type III+

TE Internal #: 5-163085-2

Pin Contact, Precious Metal, Size 16 Contact Size, 24 – 20 AWG, .2
– .5 mm² Wire, Crimp, Brass, Power & Signal, AMP Type III+

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Precious Metal**

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**

Mechanical Attachment

Wire Insulation Support **With**

Packaging Features

Packaging Quantity **200**

Packaging Method **Reel**

Dimensions

Compatible Insulation Diameter Range **1.1 – 1.8 mm [.043 – .071 in]**

Wire Size **.2 – .5 mm²**

Contact Features

Contact Underplating Material **Nickel**

Contact Orientation **Straight**

Mating Pin Diameter **1.57 mm [.062 in]**

Contact Underplating Material Thickness **1.27 μm [50 μin]**



Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	.076 µm[3 µin]
Contact Mating Area Plating Material Finish	Bright
Contact Type	Pin
Contact Mating Area Plating Material	Precious Metal
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

Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]
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Operation/Application

Circuit Application	Power & Signal
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 # 5-2151016-2
OCEAN_2.0_APPLICATOR-S-062F0900-RSA



TE Part # 305183
EXTRACT TOOL TYPE 2.20-16



TE Part # 7-2151016-7
OCEAN_2.0_SPARE_PART_KIT-062F0900



TE Part # 2384426-1
SDE F TYPE III+ 0.56-0.12mm2 ASSY



TE Part # 2384426-2
SDE F TYPE III+ 0.56-0.12mm2 DIE SET



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



TE Part # 58495-1
PRO CRIMPER ASSY MULTIMATE



TE Part # 5-2151016-1
OCEAN_2.0_APPLICATOR-S-062F0900-RSM



TE Part # 2151016-2
OCEAN_2.0_APPLICATOR-S-062F0900A-RSA



TE Part # 539972-1
EXTRACTION TOOL



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



TE Part # 2151016-1
OCEAN_2.0_APPLICATOR-S-062F0900-RSM



TE Part # 58495-2
PROCRIMPER DIE ASSY MULTIMATE



TE Part # 200893-2
INSERTION TOOL CONT

Also in the Series | AMP Type III+



Connector Contacts(397)



Insertion & Extraction Tools(4)



Power Contacts(397)

Customers Also Bought



TE Part #205203-8
CRIMP SNAP RCPT ASSY,SIZE 1



TE Part #91067-1
INSERTION/EXTRACTION TOOL



TE Part #91067-2
INSERTION/EXTRACTION TOOL

Documents

Product Drawings

[.062 PIN, TYPE III Contact](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5-163085-2_AD.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5-163085-2_AD.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-163085-2_AD.3d_stp.zip](#)



English

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Product Specifications

Product Specification

English