



AMP | Circular Plastic Connectors Series 1, AMP Type III+

TE Internal #: 2-66102-2

Gold (Au), Pin Contact, 24 – 20 AWG, 250 VAC, 250 VDC, .2 – .6 mm<sup>2</sup> Wire, Spring Contact Retention, 394.71 – 1184.12 CMA, Size 16, Crimp, AMP Type III+

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Gold (Au)**

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

Operating Voltage: **250 VDC**

**Features**

**Electrical Characteristics**

Operating Voltage	250 VDC
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**Contact Features**

Contact Length	27.1 mm[1.067 in]
Barrel Type	Open
Contact Type	Pin
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Size	Size 16
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	13 A
Mating Pin Diameter	1.57 mm[.062 in]
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
Wire Contact Termination Area Plating Thickness	1.27 μm[50 μin]
Wire Contact Termination Area Plating Material Finish	Matte



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

Contact Retention Type Within Housing	Spring
Wire Insulation Support	With

### Dimensions

Wire Size	394.71 – 1184.12 CMA
Compatible Insulation Diameter Range	1.02 – 2.03 mm[.04 – .08 in]

### 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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### Packaging Features

Packaging Quantity	4000
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	有害物质含量符合标准要求 No Restricted Substance(s) 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 # 2151016-2  
OCEAN\_2.0\_APPLICATOR-S-062F0900A-RSA



TE Part # 2151016-1  
OCEAN\_2.0\_APPLICATOR-S-062F0900-RSM



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



TE Part # 539972-1  
EXTRACTION TOOL



TE Part # 5-2151016-1  
OCEAN\_2.0\_APPLICATOR-S-062F0900-RSM



TE Part # 58495-2  
PROCRIMPER DIE ASSY MULTIMATE



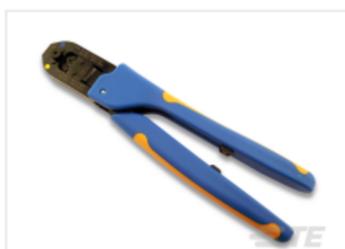
TE Part # 5-2151016-2  
OCEAN\_2.0\_APPLICATOR-S-062F0900-RSA



TE Part # 305183  
EXTRACT TOOL TYPE 2 20-16



TE Part # 7-2151016-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-062F0900



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



TE Part # 58495-1  
PRO CRIMPER ASSY MULTIMATE



TE Part # 200893-2  
INSERTION TOOL CONT

Also in the Series | **AMP Type III+**



Connector Contacts(260)



Insertion & Extraction Tools(4)



Power Contacts(260)

Also in the Series | **Circular Plastic Connectors Series 1**



Circular Power Connectors(211)

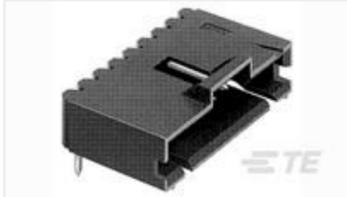


Connector Contacts(260)



Power Contacts(260)

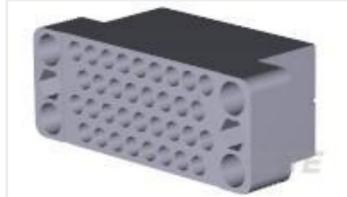
Customers Also Bought



TE Part #5-103634-5  
06 MTE HDR SRRA LATCH.100CL LF



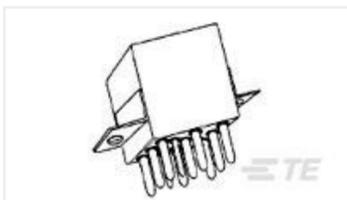
TE Part #3-111623-1  
012 2MM CTR 30DP FT



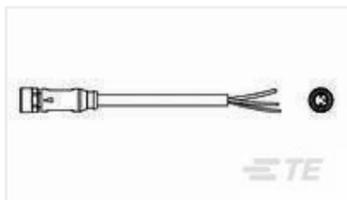
TE Part #200838-2  
BLOCK,34 POSN,M SERIES



TE Part #1-201357-1  
MALE BLOCK 34 PL



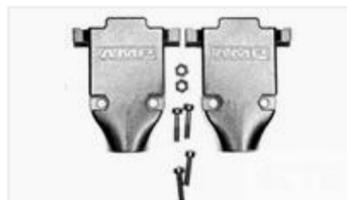
TE Part #4-1617753-9  
FCA-325-BZ3



TE Part #2273001-2  
M8 x 1.0 straight socket Pigtail



TE Part #1-2308341-6  
FULL METAL HOODS SIZE 2-6 (RAW 180 DEG)



TE Part #5745854-5  
CABLE CLAMP KIT,SZ 1



TE Part #5749268-1  
Mini DIN, 8 pos, R/A, Shield



## Documents

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_2-66102-2\\_BB.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-66102-2\\_BB.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-66102-2\\_BB.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

[AMP Circular Connectors for Commercial Signal & Power Applications](#)

English

[Signal Contacts](#)

English

[M\\_SERIES\\_PIN\\_AND\\_SOCKET\\_CONNECTORS](#)

English

### Product Specifications

[Application Specification](#)

English

### Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

Japanese

[Instruction Sheet \(U.S.\)](#)

English