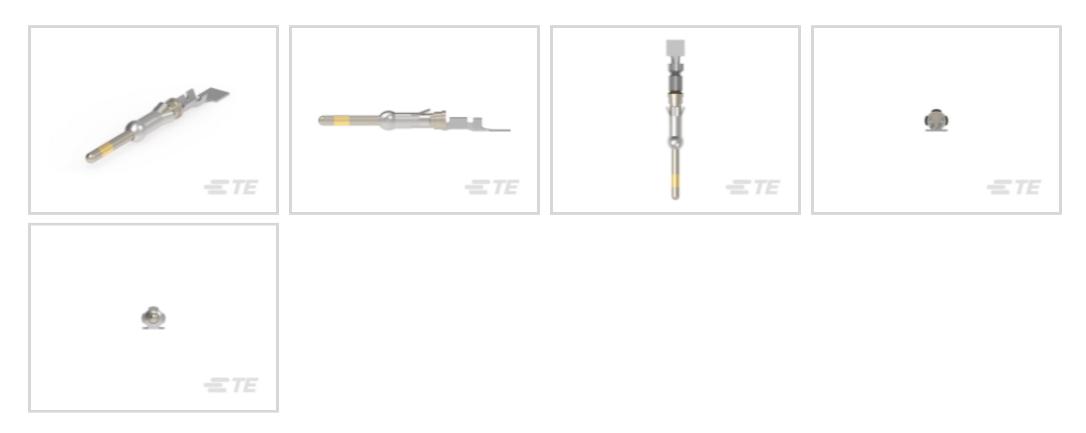
# 66102-4 - ACTIVE

## AMP | AMP Type III+

TE Internal #: 66102-4 Power Contacts, Contact, Precious Metal, 24 – 20 AWG Wire Size, . 2 – .6 mm<sup>2</sup> Wire Size, Wire & Cable, Crimp, Power & Signal, Pin, AMP Type III+

### View on TE.com >

#### Connectors > Power Connectors > Power Contacts



Power Contact Type: Contact

Contact Mating Area Plating Material: Precious Metal

Wire Size: .2 – .6 mm<sup>2</sup>

Connector & Contact Terminates To: Wire & Cable

## Features

#### **Product Type Features**



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Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable
Electrical Characteristics	
Test Current	13 A
Contact Features	
Contact Mating Area Plating Material	Precious Metal
Contact Current Rating (Max)	13 A
Contact Type	Pin
Contact Retention Within Housing	With
Mating Pin Diameter	1.57 mm[.062 in]
Contact Base Material	Brass
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	Tin
Wire Contact Termination Area Plating Material Finish	Matte

Power Contacts, Contact, Precious Metal, 24 – 20 AWG Wire Size, .2 – .6 mm² Wire Size, Wire & Cable, Crimp, Power & Signal, Pin, AMP Type III+



Wire/Cable Type Discrete Wire Product Compliance		
Contact Uncorplating Material Thickness1.27 µm(50 µin)Contact Size16Termination FeaturesCrimpItermination Method to Wire & CableCrimpMachanical AttachmentWithDimensionsWithDimensions2 – 6 mm²Accepts Wire Insulation Diameter Range2 – 6 mm²Accepts Wire Insulation Diameter Range1.02 – 2.03 mm(04 – 08 in)Usage ConditionsControl of Ci-67 – 302 °FJOperating Temperature Range- 55 – 150 °C(-67 – 302 °FJOperating Temperature Range- 55 – 150 °C(-67 – 302 °FJCheart ApplicationPower & SignalPackaging Features- 200 °C (Ci-67 – 302 °FJ)Packaging MethodReelPackaging Quantity4000Other- 200 °C (Ci-67 – 302 °FJ)Wire/Cable TypeDiscrete WireProduct Compliance- 200 °C (Ci-67 – 302 °FJ)For compliance docimentation, with the product page on Texamo- 200 °C (Ci-67 – 302 °FJ)For compliance docimentation, with the product page on Texamo- 200 °C (Ci-67 – 302 °FJ)For compliance docimentation, with the product page on Texamo- 200 °C (Ci-67 – 302 °FJ)For compliance docimentation, with the product page on Texamo- 200 °C (Ci-67 – 302 °FJ)For compliance docimentation, with the product page on Texamo- 200 °C (Ci-67 – 302 °FJ)For Compliance docimentation, with the product page on Texamo- 200 °C (Ci-67 – 302 °FJ)For Compliance docimentation, with the product page on Texamo- 200 °C (Ci-67 – 302 °FJ)For Compliance docimentation, with the product	Contact Orientation	Straight
Contact Size16Termination FeaturesChinpTermination Method to Wire & CableChinpMachanical AttachmentWithMice Insulation SupportWithDimensions2 – .6 mm²Vire Size2 – .6 mm²Accepts Wire Insulation Diameter Range1.02 – .03 mm[.04 – .08 in]Usage Conditions	Contact Underplating Material	Nickel
Termination Method to Wire & Cable       Crimp         Mechanical Attachment       With         Mire Insulation Support       With         Dimensions       26 mm²         Accepts Wire Insulation Diameter Range       .26 mm²         Accepts Wire Insulation Diameter Range       .26 mm²         Operating Iemperature Range       .55 - 150 °C[6/302 °F]         Packaging Method	Contact Underplating Material Thickness	1.27 μm[50 μin]
Termination Method to Wire & Cable       Crimp         Mechanical Attachment       With         Wire Insulation Support       With         Dimensions       2 - 6 mm²         Accepts Wire Insulation Diameter Range       1.02 - 2.03 mm[.0408 in]         Usege Conditions       - 55 - 150 °C[.67 - 302 °F]         Operating Temperature Range       - 55 - 150 °C[.67 - 302 °F]         Operating Temperature Range       - 55 - 150 °C[.67 - 302 °F]         Operating Temperature Range       - 65 - 150 °C[.67 - 302 °F]         Operating Temperature Range       - 65 - 150 °C[.67 - 302 °F]         Operation/Application       Power & Signal         Packaging Gentres       - 6000 °C	Contact Size	16
Machanical Attachment       With         Wine Insulation Support       With         Dimensions       2 - 4 mm²         Vire Size       2 - 4 mm²         Accepts Wire Insulation Diameter Range       1.02 - 2.03 mm.0408 in]         Usage Conditions       1.02 - 2.03 mm.0408 in]         Operating Temperature Range       55 - 150 °C( 47 - 302 °F)         Operating Temperature Range       55 - 150 °C( 47 - 302 °F)         Operating Temperature Range       Power & Signal         Packaging Method       Reel         Packaging Quantity       4000         Other       Vire/Cable Type         Vire/Cable Type       Discrete Wire         Product Compliance       Compliant         EU ROIS Directive 2001/65/EU       Compliant         EU LUP Directive 2000/S3/EC       Compliant         China ReHS 2 Directive MIIT Order No 32, 2016       No Restricted Materials Above Threshold         EU REACH Regulation (EC) No. 1907/2006       Current ECHA Candidate List JUNE 2022 (273)         Candidate List Declared Against: JAN 2022 (274)       Candidate List Declared Against: JAN 2022 (274) <td>Termination Features</td> <td></td>	Termination Features	
Wire Insulation SupportWithDimensions2 – 6 mm²Wire Size.2 – 6 mm²Accepts Wire Insulation Diameter Range.02 – 2.03 mm[.04 – .08 in]Usage Conditions-55 – 150 °C[-67 – 302 °I]Operation/Application-55 – 150 °C[-67 – 302 °I]Operation/ApplicationPower & SignalOperation/ApplicationPower & SignalPackaging Features-Packaging Ouantity4000Other-Wire/Cable TypeDiscrete WireProduct Compliance For compliance documentation, with the product page on TE com>EU ROHS Directive 2011/65/EUCompliantEU ROHS Directive MIIT Order No 32, 2016No Restricted Materials Above ThresholdFU REACH Regulation (FC) No. 1907/2006 (224) Candidate List: JUNF 2022 (224) Candidate List: JUNF 2022 (224) Candidate List: JUNF 2022 (223) SVHC > Threshold: Not Yet ReviewedHalogen ContentLow Halogen - Br, Cl, F, I < 900 ppm per	Termination Method to Wire & Cable	Crimp
Dimensions       26 mm <sup>2</sup> Wire Size       26 mm <sup>2</sup> Accepts Wire Insulation Diameter Range       1.02 - 2.03 rmn[.0408 in]         Usage Conditions       Usage Conditions         Operating Temperature Range       -55 - 150 °C[ 67 - 302 °F]         Operating Temperature Range       Power & Signal         Operating Temperature Range       Power & Signal         Operating Features       Real         Packaging Method       Real         Packaging Quantity       4000         Other       Vire/Cable Type         Vire/Cable Type       Discrete Wire         For compliance documentation, with the product page on TEcom>         FU RoHS Directive 2011/65/EU       Compliant         EU RoHS Directive 2011/65/EU       Compliant         EU EUV Directive 2011/65/EU       Compliant         EU EUV Directive 2011/65/EU       Compliant         EU ROHS Directive MIIT Order No 32, 2016       No Restricted Materials Above Threshold         EU REACTI Regulation (EC) No. 1907/2006       Cirrent ECI IA Candidate List: JUNE 2022 (24) (24) (24) (24) (24) (24) (24) (2	Mechanical Attachment	
Wire Size         2–.6 mm²           Accepts Wire Insulation Diameter Range         1.02 – 2.03 mm[.04 – .08 in]           Usage Conditions         55 – 150 °C[ 67 – 302 °F]           Operating Temperature Range         55 – 150 °C[ 67 – 302 °F]           Operation/Application         Power & Signal           Circuit Application         Power & Signal           Packaging Features         Packaging Quantity           Packaging Quantity         4000           Other         Discrete Wire           Wire/Cable Type         Discrete Wire           For Compliance         Compliant           For Compliance documentation, with the product page on TEcomo-         Compliant           EU RoHS Directive 2011/65/EU         Compliant           FU RoHS Directive 2011/65/EU         Compliant           EU ROHS Directive MIIT Order No 32, 2016         No Restricted Materials Above Threshold           EU REACH Regulation (EC) No. 1907/2008         Current ECHA Candidate List: JUNE 2022 (223) SVHC > Threshold: Not Yet Reviewed           Halogen Content         Low Halogen - Br, Cl, F, I < 900 ppm per	Wire Insulation Support	With
Accepts Wire Insulation Diameter Range1.02 – 2.03 mm[.04 – .08 in]Usage Conditions	Dimensions	
Usage Conditions       55 - 150 °C[ 67 - 302 °F]         Operation/Application       Power & Signal         Circuit Application       Power & Signal         Packaging Features       Packaging Method         Packaging Quantity       4000         Operation/Application       Power & Signal         Packaging Quantity       000         Other       Discrete Wire         Wire/Cable Type       Discrete Wire         Power & Directive 2001/55/EU       Compliant         EU RoHS Directive 2011/65/EU       Compliant         EU RoHS Directive 2011/65/EU       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 2022 (224) (224) SVIIC > Threshold: Not Yet Reviewed         Halogen Content       Low Halogen - Br, CI, F, I < 900 ppm per	Wire Size	.2 – .6 mm²
Operating Temperature Range-55 – 150 °C[-67 – 302 °F]Operation/ApplicationFower & SignalCircuit ApplicationPower & SignalPackaging Features	Accepts Wire Insulation Diameter Range	1.02 – 2.03 mm[.04 – .08 in]
Circuit Application       Power & Signal         Circuit Application       Power & Signal         Packaging Features       Packaging Method         Packaging Quantity       4000         Other       Vire/Cable Type         Wire/Cable Type       Discrete Wire         Product Compliance       Support         EU RoHS Directive 2011/65/EU       Compliant         EU RoHS 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 2022 (224) (224) (224) (224) (223) (224) (223) (224) (223) (224) (223) (223) (224) (223) (223) (224) (223) (22	Usage Conditions	
Circuit ApplicationPower & SignalPackaging FeaturesReelPackaging Quantity4000Packaging Quantity4000OtherDiscrete WireWire/Cable TypeDiscrete WireProduct ComplianceCompliantFor compliance documentation, visit the product page on TE.com>CompliantEU RoHS Directive 2011/65/EUCompliantFU EUV Directive 2011/65/EUCompliantEU RoHS Directive 2011/65/EUCompliantFor and the route application (EC) No. 1907/2006No Restricted Materials Above ThresholdEU REACH Regulation (EC) No. 1907/2006Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet ReviewedHalogen ContentLow Halogen - Br, CI, F, I < 900 ppm per	Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]
Packaging FeaturesPackaging MethodReelPackaging Quantity4000OtherVire/Cable TypeWire/Cable TypeDiscrete WireProduct Compliance For compliance documentation, visit the product page on TE com>Discrete WireEU ROHS Directive 2011/65/EUCompliantEU ROHS Directive 2011/65/EUCompliantChina RoHS 2 Directive MIIT Order No 32, 2016No Restricted Materials Above ThresholdEU REACH Regulation (EC) No. 1907/2006Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet ReviewedHalogen ContentLow Halogen - Br, Cl, F, I < 900 ppm per	Operation/Application	
Packaging MethodReelPackaging Quantity4000OtherDiscrete WireWire/Cable TypeDiscrete WireProduct Compliance For compliance documentation, visit the product page on TEcom>CompliantEU RoHS Directive 2011/65/EUCompliantEU RoHS Directive 2001/53/ECCompliantChina RoHS 2 Directive MIIT Order No 32, 2016No Restricted Materials Above ThresholdEU REACH Regulation (EC) No. 1907/2006Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet ReviewedHalogen ContentLow Halogen - Br, CI, F, I < 900 ppm per	Circuit Application	Power & Signal
Packaging Quantity4000OtherDiscrete WireWire/Cable TypeDiscrete WireProduct Compliance For compliance documentation, visit the product page on TE.com>CompliantEU RoHS Directive 2011/65/EUCompliantEU RoHS Directive 2000/53/ECCompliantChina RoHS 2 Directive MIIT Order No 32, 2016No Restricted Materials Above ThresholdEU REACH Regulation (EC) No. 1907/2006Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet ReviewedHalogen ContentLow Halogen - Br, Cl, F, I < 900 pm per	Packaging Features	
OtherWire/Cable TypeDiscrete WireProduct Compliance For compliance documentation, visit the product page on TE.com>CompliantEU RoHS Directive 2011/65/EUCompliantEU RLV Directive 2000/53/ECCompliantChina RoHS 2 Directive MIIT Order No 32, 2016No Restricted Materials Above ThresholdEU REACH Regulation (EC) No. 1907/2006Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet ReviewedHalogen ContentLow Halogen - Br, Cl, F, I < 900 ppm per	Packaging Method	Reel
Wire/Cable TypeDiscrete WireProduct Compliance For compliance documentation, visit the product page on TE.com>CompliantEU RoHS Directive 2011/65/EUCompliantEU RoHS Directive 2000/53/ECCompliantChina RoHS 2 Directive MIIT Order No 32, 2016No Restricted Materials Above ThresholdEU REACH Regulation (EC) No. 1907/2006Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet ReviewedHalogen ContentLow Halogen - Br, CI, F, I < 900 ppm per	Packaging Quantity	4000
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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed         Halogen Content       Low Halogen - Br, CI, F, I < 900 ppm per	Other	
For compliance documentation, visit the product page on TE.com>EU RoHS Directive 2011/65/EUCompliantEU ELV Directive 2000/53/ECCompliantChina RoHS 2 Directive MIIT Order No 32, 2016No Restricted Materials Above ThresholdEU REACH Regulation (EC) No. 1907/2006Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet ReviewedHalogen ContentLow Halogen - Br, Cl, F, I < 900 ppm pr	Wire/Cable Type	Discrete Wire
EU ELV Directive 2000/53/ECCompliantChina RoHS 2 Directive MIIT Order No 32, 2016No Restricted Materials Above ThresholdEU REACH Regulation (EC) No. 1907/2006Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet ReviewedHalogen ContentLow Halogen - Br, Cl, F, I < 900 ppm per	<b>Product Compliance</b> For compliance documentation, visit the product page on TE.com>	
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EU REACH Regulation (EC) No. 1907/2006Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet ReviewedHalogen ContentLow Halogen - Br, Cl, F, I < 900 ppm per	EU ELV Directive 2000/53/EC	Compliant
(224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet ReviewedHalogen ContentLow Halogen - Br, Cl, F, I < 900 ppm per	China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
	EU REACH Regulation (EC) No. 1907/2006	(224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold:
	Halogen Content	

**C** For support call+1 800 522 6752

Power Contacts, Contact, Precious Metal, 24 – 20 AWG Wire Size, .2 – .6 mm<sup>2</sup> Wire Size, Wire & Cable, Crimp, Power & Signal, Pin, AMP Type III+



Free

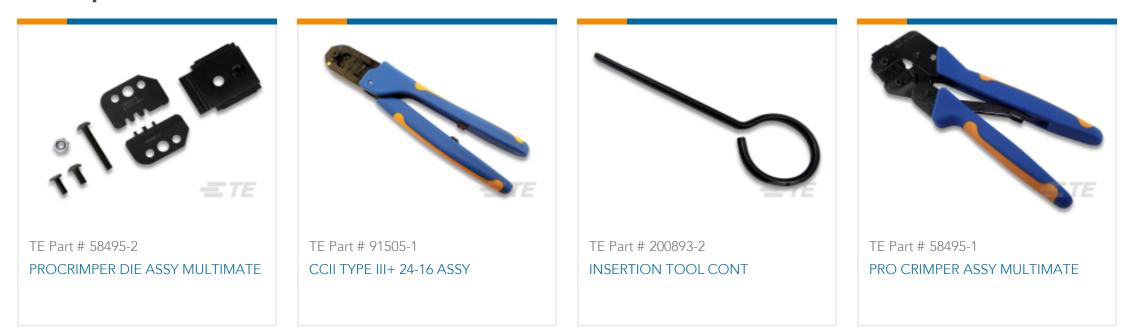
Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

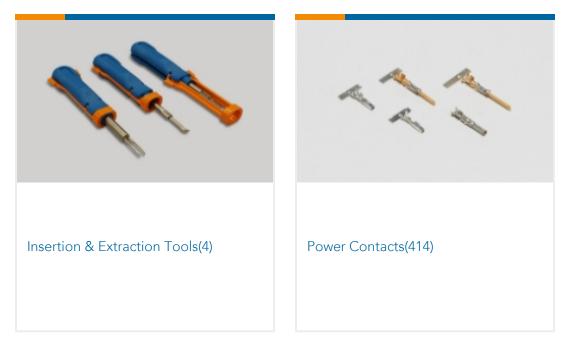
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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**





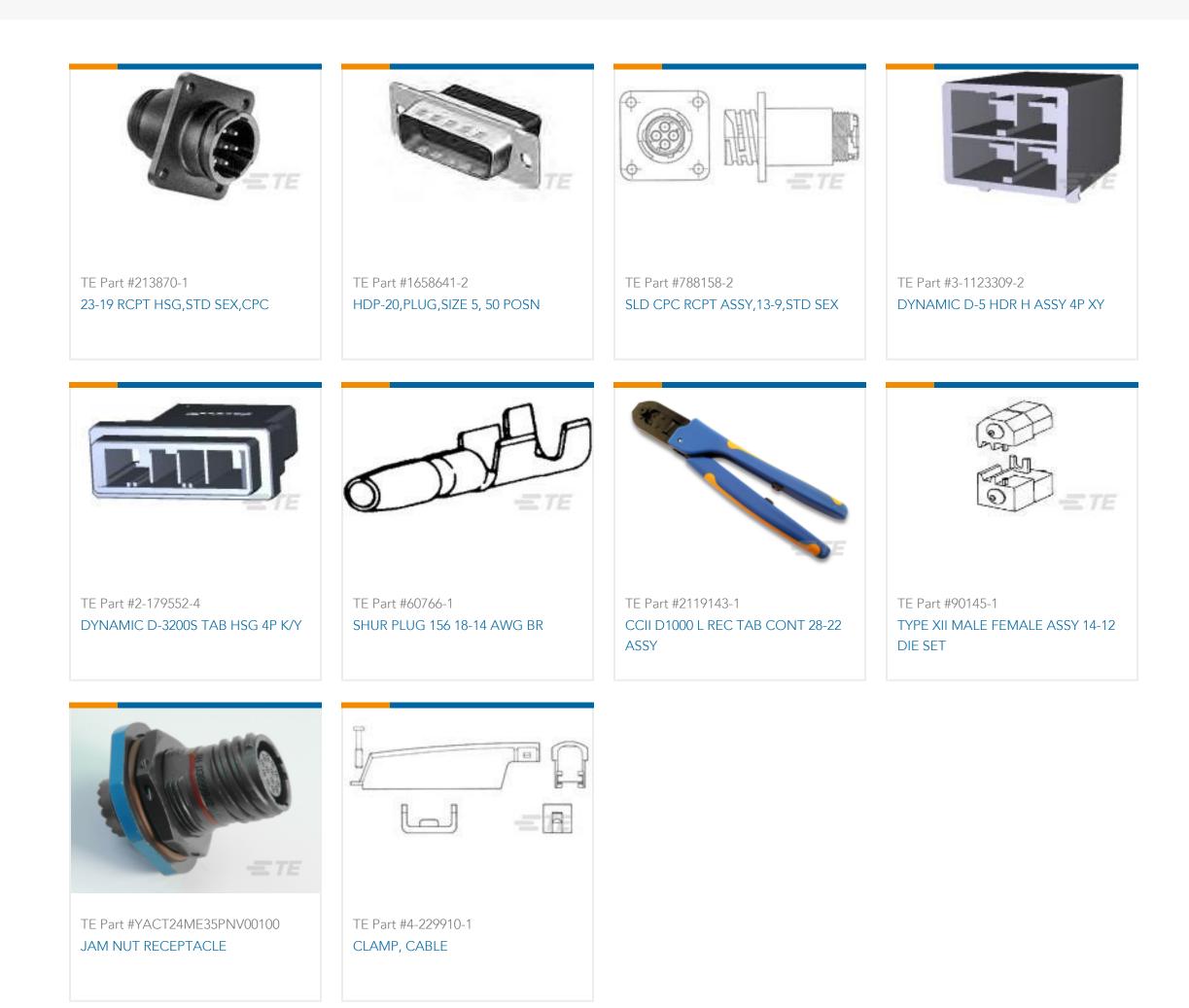
# Also in the Series | AMP Type III+



## **Customers Also Bought**

Power Contacts, Contact, Precious Metal, 24 – 20 AWG Wire Size, .2 – .6 mm<sup>2</sup> Wire Size, Wire & Cable, Crimp, Power & Signal, Pin, AMP Type III+





### Documents

Product Drawings III+ PIN,24-20,30AU/FL,STRIP

English

### **CAD** Files

Customer View Model ENG\_CVM\_CVM\_66102-4\_BB.2d\_dxf.zip

English

### 3D PDF

3D

Customer View Model ENG\_CVM\_CVM\_66102-4\_BB.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_66102-4\_BB.3d\_stp.zip

English

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

**Product Specifications** 

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Power Contacts, Contact, Precious Metal, 24 – 20 AWG Wire Size, .2 – .6 mm<sup>2</sup> Wire Size, Wire & Cable, Crimp, Power & Signal, Pin, AMP Type III+



**Application Specification** 

English

Product Environmental Compliance

**Product Compliance** 

English

**Product Compliance** 

English

Instruction Sheets Instruction Sheet (U.S.)

Japanese

Instruction Sheet (U.S.)

English