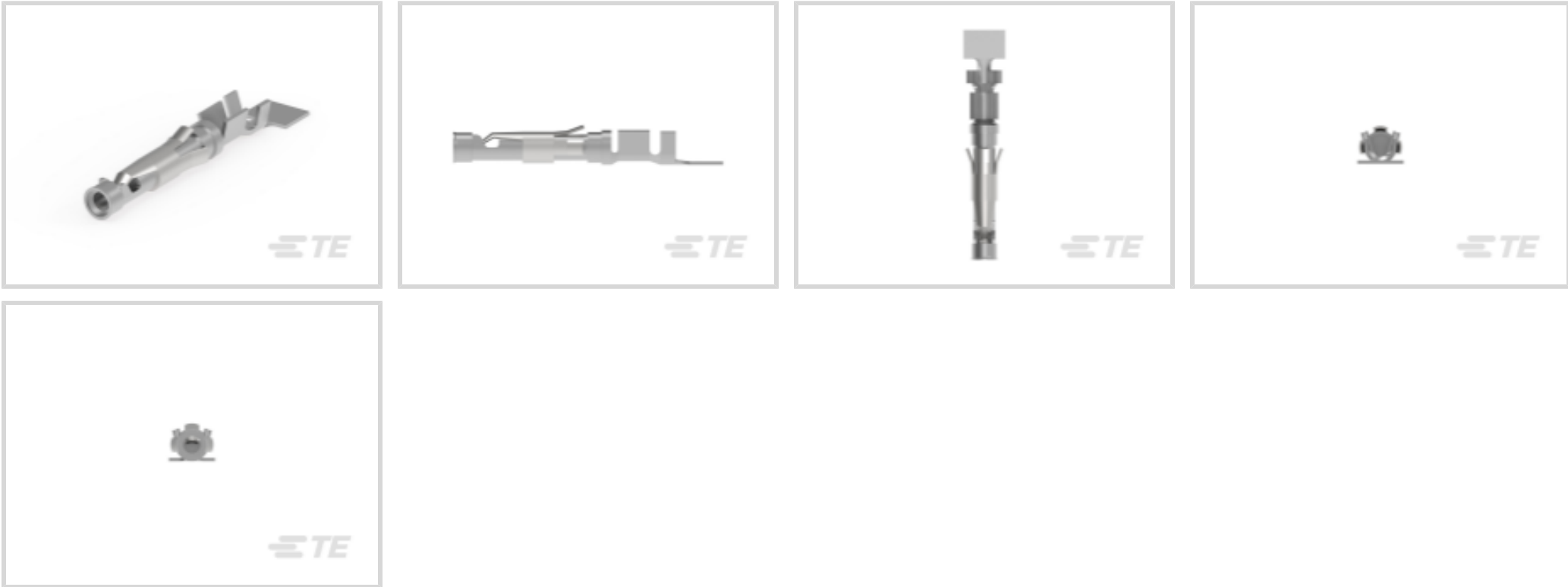




Connectors > Power Connectors > Power Contacts > Strip Pin and Socket Contacts, Type III



Power Contact Type: **Contact**
Contact Mating Area Plating Material: **Tin**
Wire Size: **.8 – 1.4 mm²**
Connector & Contact Terminates To: **Wire & Cable**

[All Strip Pin and Socket Contacts, Type III \(55\)](#)

Features

Product Type Features

Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable

Contact Features

Contact Size	Size 16
Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	13 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	1.57 mm[.062 in]
Contact Base Material	Brass
Contact Mating Area Plating Material Thickness	2.54 μm[100 μin]
Wire Contact Termination Area Plating Thickness	2.54 μm[100 μin]
Wire Contact Termination Area Plating Material	Tin



Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	.76 µm[30 µin]

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	.8 – 1.4 mm²
Compatible Insulation Diameter Range	2.03 – 2.54 mm[.08 – .1 in]

Usage Conditions

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

Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	4000
Packaging Method	Reel

Other

Power Connectors Comment	Overall insulation crimp diameter, including crimp barrel, must not exceed 3.18 [.125]., PRO-CRIMPER II # 58495-1 Hand Tool for field repair use only.
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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 # CAT-AM71-C83998C Circular Plastic Connector, CMC Series 1	 TE Part # CAT-AM71-C83998Y One-Piece Connector, Sealed, CPC Series 1	 TE Part # CAT-AM71-C83998J Cable/Panel Mount Connector, CPC Series 1	 TE Part # CAT-AM71-C83998K Circular Connector, Environmentally Sealed, CPC Series 6
 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	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 2151023-1 OCEAN_2.0 Applicator-S-080F1200



TE Part # 2-2151023-1
OCEAN_2.0_Applicator-S-080F1200



TE Part # 2-2151023-2
OCEAN_2.0_Applicator-S-080F1200



TE Part # 2151023-2
OCEAN_2.0_Applicator-S-080F1200



TE Part # 5-2151023-1
OCEAN_2.0_Applicator-S-080F1200



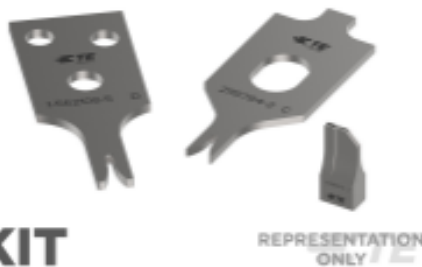
TE Part # 5-2151023-2
OCEAN_2.0_Applicator-S-080F1200



TE Part # 7-2151023-1
OCEAN_2.0_Applicator-S-080F1200



TE Part # 7-2151023-2
OCEAN_2.0_Applicator-S-080F1200



TE Part # 7-2151023-7
OCEAN_2.0_SPARE_PART_KIT-080F1200

Also in the Series | AMP Type III+



Insertion & Extraction Tools(4)

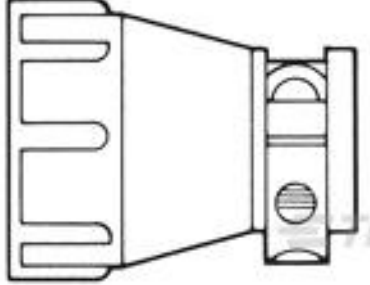


Power Contacts(409)

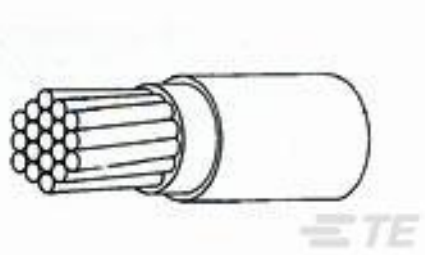
Customers Also Bought



TE Part #208470-1
CMC PLUG ASSEMBLY,SZ 28



TE Part #206966-9
CABLE CLAMP KIT, BULK PKG



TE Part #2813653003
44/7031-24-2



TE Part #1735944-1
SATA BACKPLANE RECEPTACLE, VER



TE Part #1-163081-2
.062 PIN ASSY 3+



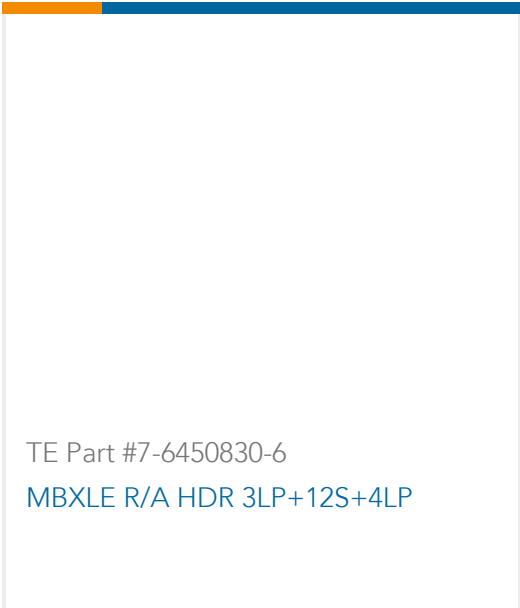
TE Part #1SSA365212R1100
L36521211000



TE Part #1SSA367204R1100
FIC M ADO 4P/7.62 T02 STD



TE Part #CQ46883001
44/7031-20-9CK0001



Documents

Product Drawings

III+ SKT,18-16,TIN ,STRIP

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-66100-9_BJ.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-66100-9_BJ.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-66100-9_BJ.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

Product Environmental Compliance

MD_1-66100-9_06112018239_dmtec

English

MD_1-66100-9_06112018239_dmtec

English

