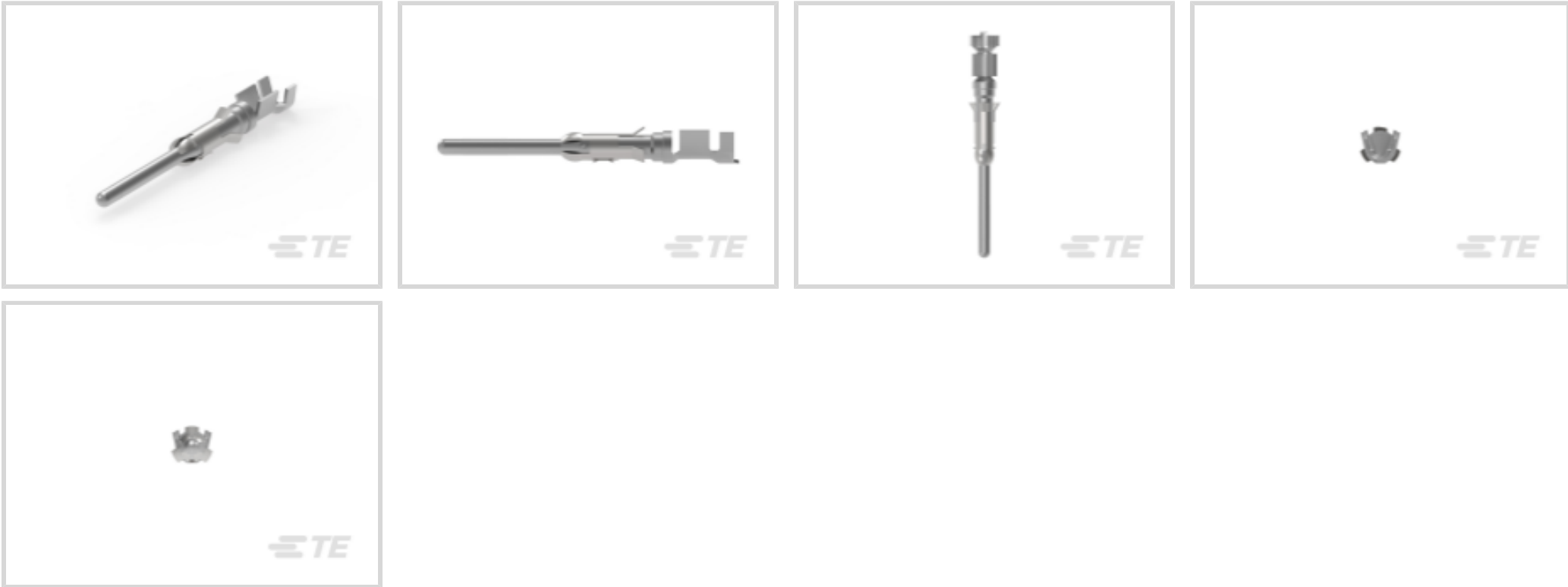




Connectors > Contacts > Connector Contacts > Strip Pin and Socket Contacts, Type III



Contact Type: **Pin**
Contact Mating Area Plating Material: **Tin**
Wire Contact Termination Area Plating Material: **Tin**
Contact Retention Within Housing: **With**
Contact Retention Type Within Housing: **Snap-In**

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

Features

Product Type Features

Discrete Wire Type	Stranded
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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	1.02 µm[40 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	1.02 µm[40 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
Contact Retention Type Within Housing	Snap-In

Dimensions

Compatible Insulation Diameter Range	2 – 2.5 mm[.078 – .098 in]
Wire Size	.8 – 1.4 mm²

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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Identification Marking

Contact Color Code	Blue
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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 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 # 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 # 2151023-1 OCEAN_2.0_Applicator-S-080F1200-RSM	 TE Part # 2151023-2 OCEAN_2.0_Applicator-S-080F1200-RSA



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

TE Part # 5-2151023-1
OCEAN_2.0_Applicator-S-080F120O-RSM

TE Part # 5-2151023-2
OCEAN_2.0_Applicator-S-080F120O-RSA

KIT
TE Part # 7-2151023-7
OCEAN_2.0_SPARE_PART_KIT-080F120O

KIT
TE Part # 7-2266601-7
OC-080F120O-752-CRIMPTOOLINGKIT

Also in the Series | AMP Type III+

Connector Contacts(409)

Insertion & Extraction Tools(4)

Customers Also Bought

TE Part #66602-8
III+ PIN,18-14,TIN,LP

TE Part #8-968970-1
MCP2.8 GEH 6P

TE Part #207602-1
METRIMATE,STR REL KIT,12P

TE Part #1-794617-8
18POS,MICRO MNL,RCPT HSG

TE Part #207018-1
METRIMATE RCPT 12 POS

TE Part #208210-2
METRIMATE SOCKET 19 POSN

TE Part #180941
FF 250 REC HSG 3P NYLON NAT

TE Part #164161-4
M-SRS.PIN BODY 3+



Documents

Product Drawings

M-SRS.PIN BODY 3+

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_164161-3_U.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_164161-3_U.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_164161-3_U.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

Product Specification

English