

66597-8 ✓ ACTIVE

AMP | AMP Type III+

TE Internal #: 66597-8

Power Contacts, Contact, Tin, 18 – 14 AWG Wire Size, .8 – 2 mm<sup>2</sup>

Wire Size, Wire & Cable, Crimp, Power & Signal, Pin, AMP Type III+

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts > TYPE III CONTACTS STRIP



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Tin**

Wire Size: **.8 – 2 mm<sup>2</sup>**

Connector & Contact Terminates To: **Wire & Cable**

[All TYPE III CONTACTS STRIP \(55\)](#)

## Features

### Product Type Features

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

### Electrical Characteristics

Test Current	13 A
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### Contact Features

Contact Mating Area Plating Material	Tin
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	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	1.27 μm[50 μin]



Contact Size	16
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### 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 – 2 mm <sup>2</sup>
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Accepts Wire Insulation Diameter Range	2.79 – 3.81 mm [.11 – .15 in]
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### 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 Method	Reel
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Packaging Quantity	4000
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### Other

Wire/Cable Type	Discrete Wire
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For Use With	CPC Connectors, M Series Connectors
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Comment	Contacts can only be used in Metrimate, Series 1 (Arr. 23-24), Series 4 (Arr. 23-13M, 23-16M, 23-22M), and VDE connectors.
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC
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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  
CMC SERIES 1



TE Part # CAT-AM71-C83998Y  
CPC SERIES 1 SEALED ONE-PIECE



TE Part # CAT-AM71-C83998J  
CPC SERIES 1



TE Part # CAT-AM71-C83998K  
CPC SERIES 6



TE Part # 200893-2  
INSERTION TOOL CONT



TE Part # 91521-1  
CCII TYPE III+ PIN SKT 18-14 ASSY



TE Part # 539972-1  
EXTRACTION TOOL



TE Part # 305183  
EXTRACT TOOL TYPE 2 20-16



TE Part # 2305570-1  
TERMINAL CUTTER, SIDE FEED



TE Part # 2151405-1  
OCEAN\_2.0\_Applicator-S-090F1550



TE Part # 2-2151405-1  
OCEAN\_2.0\_Applicator-S-090F1550



TE Part # 2-2151405-2  
OCEAN\_2.0\_Applicator-S-090F1550




TE Part # 2151405-2  
OCEAN\_2.0\_Applicator-S-090F1550



TE Part # 7-2151405-1  
OCEAN\_2.0\_Applicator-S-090F1550




TE Part # 7-2151405-2  
OCEAN\_2.0\_Applicator-S-090F1550



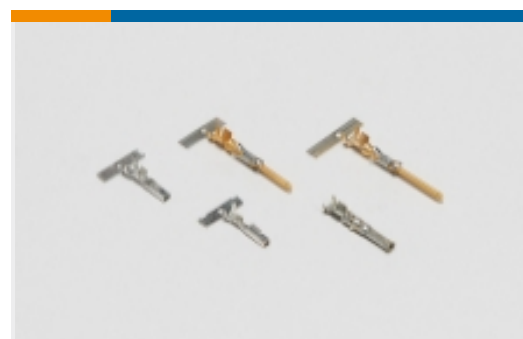
**KIT**  
REPRESENTATION ONLY  
TE Part # 7-2151405-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-090F1550

TE Part # 466958-1  
SCA SMPR090F1550

Also in the Series | AMP Type III+



Insertion & Extraction Tools(4)



Power Contacts(414)

Customers Also Bought



TE Part #1419106-1  
27E006=SOCKET,KH,14,SLG,G/T,PH




TE Part #HD34-24-14PN-059  
REC,14P,AL,N,CBL CLMP BT,DR,4/12/16,P,MC



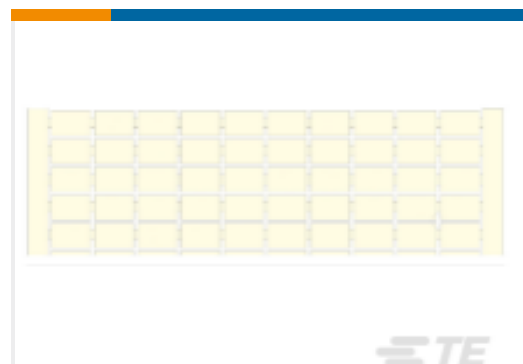
TE Part #CC0072-000  
TMS-SCE-2X-1K-3/16-S1-9



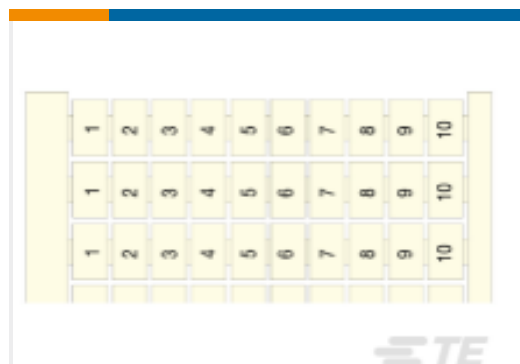
TE Part #207305-1  
24 POS SQ GRID METRIMATE-RCPT




TE Part #1SNA233062R2200  
RC610 201->300 VERTICAL



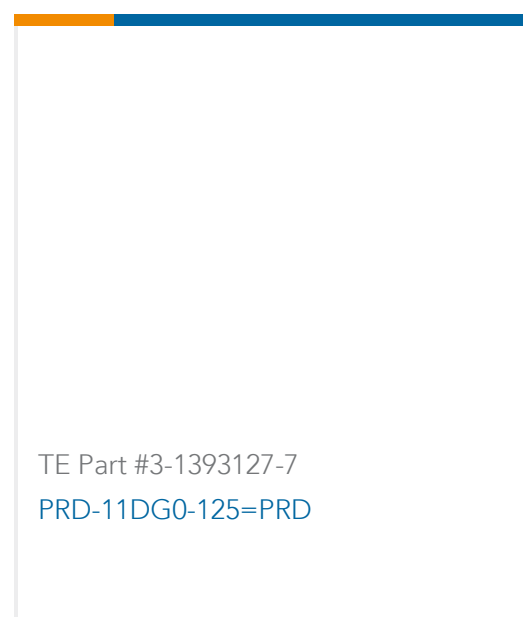
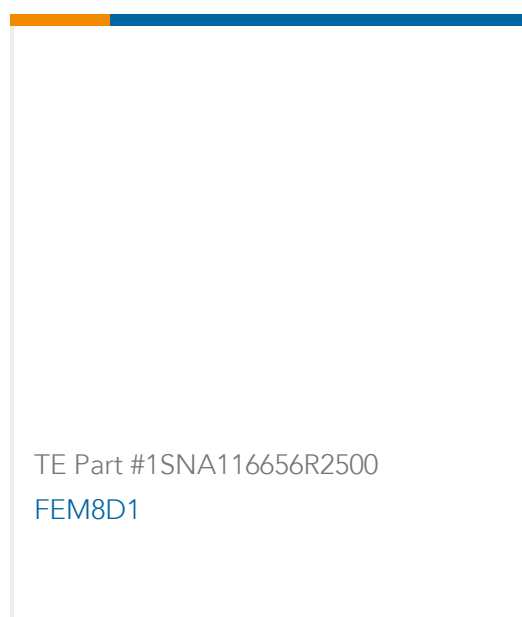
TE Part #1SNA233063R2300  
RC610 301->400 VERTICAL



TE Part #1SNA234041R2600  
RC810 1->10 (X10) VERTICAL



TE Part #1SNA115417R0500  
MB6/8.L6



## Documents

### Product Drawings

III+ PIN,18-14,TIN ,STRIP

English

### CAD Files

Customer View Model

ENG\_CVM\_CVM\_66597-8\_AA.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_66597-8\_AA.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_66597-8\_AA.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\_66597-8\_021920182252\_dmtec

English

MD\_66597-8\_021920182252\_dmtec

English



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