

641294-1 ✓ ACTIVE

AMP | AMP Miniature Rectangular MR

TE Internal #: 641294-1

Tin (Sn), Socket Contact, 26 – 18 AWG, 250 VAC, 250 VDC, .12 – .8 mm<sup>2</sup> Wire, Locking Lance Contact Retention, AMP Miniature Rectangular MR

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin (Sn)**

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

Operating Voltage: **250 VDC**

## Features

### Product Type Features

Discrete Wire Type	Stranded
Sealable	No

### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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### Electrical Characteristics

Operating Voltage	250 VDC
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### Contact Features

Contact Fabrication	Stamped & Formed
Contact Length	16.76 mm[.66 in]
Barrel Type	Open
Contact Type	Socket
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With



Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	9 A
Mating Pin Diameter	1.98 mm[.077 in]
Contact Mating Area Plating Material Thickness	.4 μm[15.75 μin]
Wire Contact Termination Area Plating Thickness	.4 μm[15.75 μin]
Contact Orientation	Straight

### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

### Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	With

### Dimensions

Wire Size	236.823 – 1578.82 CMA
Compatible Insulation Diameter Range	.64 – 2.92 mm[.05 – .115 in]

### Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Packaging Features

Packaging Quantity	6500
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

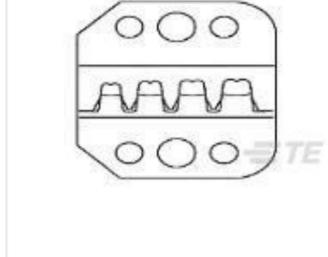
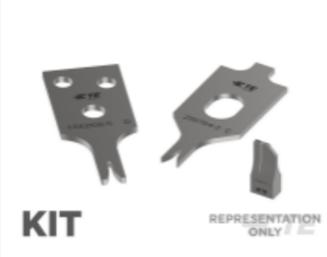


Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

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

 <p>TE Part # 91526-1 CCII MR II+ REC 26-18 ASSY</p>	 <p>TE Part # 5-2151229-2 OCEAN-2.0-APPLICATOR-S-055F120F-RSA</p>	 <p>TE Part # 5-2151229-1 OCEAN-2.0-APPLICATOR-S-055F120F-RSM</p>	 <p>TE Part # 58514-2 PROCrimp DIE MR26-18</p>
 <p>TE Part # 2063388-1 TOOL, EXTRACTION</p>	 <p>TE Part # 58514-1 PROCrimp TL W/DIE MR26-18</p>	 <p>TE Part # 2151229-1 OCEAN-2.0-APPLICATOR-S-055F120F-RSM</p>	 <p>TE Part # 2151229-2 OCEAN-2.0-APPLICATOR-S-055F120F-RSA</p>
 <p>TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp</p>	 <p><b>KIT</b> REPRESENTATION ONLY</p> <p>TE Part # 7-2151229-7 OCEAN_2.0_SPARE_PART_KIT-055F120F</p>		

Also in the Series | **AMP Miniature Rectangular MR**



Connector Contacts(20)



Connector Hardware(2)



Power Contacts(20)



Rectangular Connector Housings(20)



Rectangular Power Connectors(77)

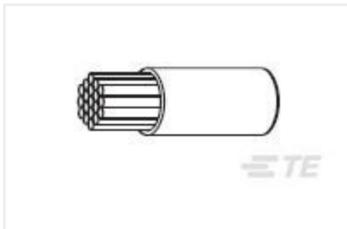


Standard Rectangular Connectors(20)



Wire-to-Board Connector Assemblies & Housings(10)

## Customers Also Bought



TE Part #7286093002  
FLHTC0311-1.00-6



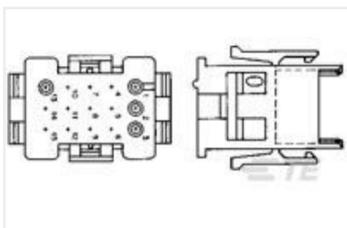
TE Part #SGH-80-4  
STRING POT, 80 INCH RANGE



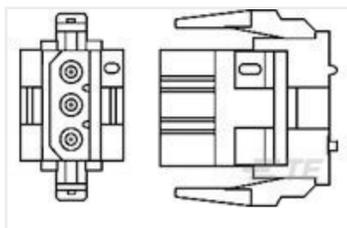
TE Part #NB14664001  
VERSAFIT-3X-1-0-SP



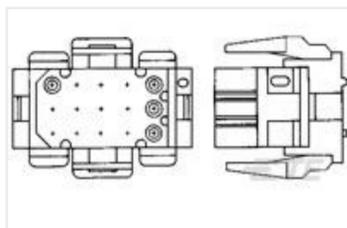
TE Part #52264-5  
TERMINAL R PG 6 3/8



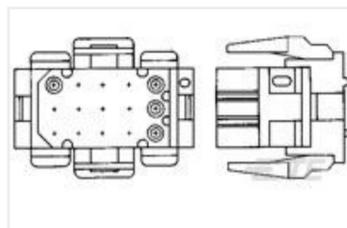
TE Part #1-640510-0  
06P MR II CAP HSG V0



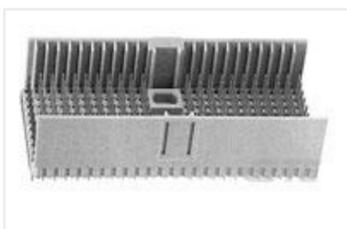
TE Part #1-640517-0  
02P MR II PLUG HSG



TE Part #1-640524-0  
20P MR II PLUG HSG V0



TE Part #1-640526-0  
36P MR II PLUG HSG V0



TE Part #5646362-1  
2MM HM ASY,T-D,HDR,8R,128P



TE Part #5-2151346-2  
OCEAN\_2.0\_APPLICATOR-S-100F165O-RSA

## Documents



**CAD Files**

**3D PDF**

3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_641294-1\\_T.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_641294-1\\_T.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_641294-1\\_T.3d\\_stp.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_641294-1\\_E1.3d\\_igs.zip](#)

English

**Customer View Model**

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English

**Customer View Model**

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English

**3D PDF**

English

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**Datasheets & Catalog Pages**

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

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[SOFT\\_SHELL\\_PIN\\_AND\\_SOCKET\\_CONNECTORS\\_CATALOG](#)

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[mr-miniature-rectangular-connectors](#)

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**Product Specifications**

[Application Specification](#)

English