1SET310005R0000 - ACTIVE

ENTRELEC | M8 Connector

TE Internal #: 1SET310005R0000 3 Position Circular Connector, Wire-to-Wire, Sealable, Wire & Cable, Signal, Brass, A Code, Polyamide 66 GF25, 0 Power Positions, M8 Connector

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Connectors > Circular Connectors > Standard Circular Connectors



Number of Positions: 3

Connector System: Wire-to-Wire

Sealable: Yes

Connector & Contact Terminates To: Wire & Cable

Contact Current Rating (Max): 3A

Features



Electrical Characteristics

Operating Voltage	60 VDC
Industry Standards	
UL Flammability Rating	UL 94HB
Other	
Field Serviceable	Yes
EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions
Usage Conditions	
IP Dust Sealing Level	6
IP Water Sealing Level	IP67
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
Mechanical Attachment	
Mating Retention Type	Threaded Coupling

3 Position Circular Connector, Wire-to-Wire, Sealable, Wire & Cable, Signal, Brass, A Code, Polyamide 66 GF25, 0 Power Positions, M8 Connector



O-Ring MaterialSiliconeEnvironmental Protection TypeIP67Environmental Protection TypeEastomer SealedPrinary Product ColorBlackPeripheral Seal MaterialSiliconeShell Base MaterialBrassCircular Connector Insulation Material TypePolyamide 66 GF25Durability Rating100 CyclesCircular Connector Insulation Material TypeSignalCircular Contector TypeConnector AssemblyPrewiredNoConnector SystemVire ScaleConnector SystemVire ScaleCircular Connector TypePugCircular Connector TypePugShell TypeVire ScaleCircular Connector TypeSignalCircular Connector TypeSignalShell TypeSignal Circular ConnectorCircular Connector TypeSignal Circular Circu	Mating Alignment	With
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Contacts Preloaded Yes Contact Features	Number of Power Positions	0
Contact Features	Number of Signal Positions	7
	Contacts Preloaded	Yes
Contact Current Rating (Max) 3 A	Contact Features	
	Contact Current Rating (Max)	3 A

3 Position Circular Connector, Wire-to-Wire, Sealable, Wire & Cable, Signal, Brass, A Code, Polyamide 66 GF25, 0 Power Positions, M8 Connector



Reverse Gender	No
	Pin
Circular Connector Contact Type	E ITI
Housing Features	
Circular Connector Shell Size	12
Dimensions	
Wire Size	24 – 26 AWG
For compliance documentation, visit the product page on TE.com> EU RoHS Directive 2011/65/EU	
EU RoHS Directive 2011/65/EU	
	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions Compliant with Exemptions
EU ELV Directive 2000/53/EC China RoHS 2 Directive MIIT Order No 32, 2016	

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

Not reviewed 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

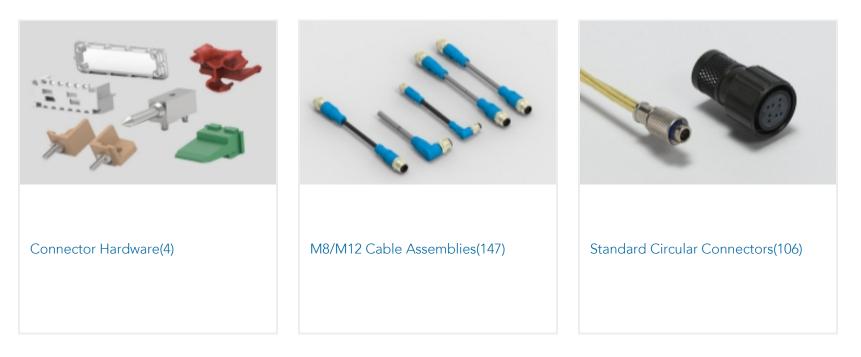
Compatible Parts

3 Position Circular Connector, Wire-to-Wire, Sealable, Wire & Cable, Signal, Brass, A Code, Polyamide 66 GF25, 0 Power Positions, M8 Connector





Also in the Series | M8 Connector



Documents

Product Drawings M8-MS-3CON-PG7-MU

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1SET310005R0000_A.2d_dxf.zip

English

Customer View Model ENG_CVM_CVM_1SET310005R0000_A.3d_igs.zip

English

Customer View Model ENG_CVM_CVM_1SET310005R0000_A.3d_stp.zip

English

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Datasheets & Catalog Pages

Infographic - entrelec ews-linecard

English

Catalog - ENTRELEC-M8-M12-RJ45

English

Product Specifications

C For support call+1 800 522 6752

3 Position Circular Connector, Wire-to-Wire, Sealable, Wire & Cable, Signal, Brass, A Code, Polyamide 66 GF25, 0 Power Positions, M8 Connector



Application Specification

English

Application Specification

English