



TE Internal #: CGA257N00000056000
 Standard Circular Connectors, Cable-to-Panel, Power, Motor,
 Electrodeposited Nickel, Zinc Alloy, PA66, 40 Shell Size, Shielded,
 Receptacle, Metal

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Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Cable-to-Panel**
 Sealable: **No**
 Circuit Application: **Power**
 Connector Mounting Type: **Motor**
 Shell Plating Material: **Electrodeposited Nickel**

Features

Product Type Features

Product Type	Connector
Connector System	Cable-to-Panel
Sealable	No
Circular Connector Type	Receptacle
Shell Type	Metal

Electrical Characteristics

Operating Voltage	250 VAC, 630 VAC
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Body Features

Environmental Protection	IP67
Shell Plating Material	Electrodeposited Nickel
Shell Base Material	Zinc Alloy
Circular Connector Insulation Material Type	PA66

Mechanical Attachment

Mating Retention Type	Speedtec (Triple Start Threaded)
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Panel Mount Feature Type	Flange with Mounting Holes
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Connector Mounting Type	Motor
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Housing Features

Circular Connector Shell Size	40
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Usage Conditions

Operating Temperature Range	-20 – 130 °C[-4 – 266 °F]
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Operation/Application

Durability Rating	500 Cycles
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Circuit Application	Power
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Shielded	Yes
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Industry Standards

UL Flammability Rating	UL 94V-0
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Approved Standards	UL
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Not Yet Reviewed
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUN 2020 (209)</p> <p>Candidate List Declared Against: JAN 2020 (205)</p> <p>SVHC > Threshold:</p> <p>Pb (3.5% in Component)</p> <p>Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</p>
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Halogen Content	Not Yet Reviewed for halogen content
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Solder Process Capability	Not reviewed for solder process capability
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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 # CSA263N00440001000
940 PLUG

TE Part # C0-0008-000-000
CRIMPING TOOL LARGE

TE Part # C0-0010-000-000
POSITIONING INSERT FOR 3.6 MM CONTACTS

TE Part # C0-0236-000-000
DIGITAL CRIMPING TOOL, MID SIZE

TE Part # C0-0201-000-000
CRIMPING TOOL MID-SIZE

TE Part # C0-0009-000-000
POSITIONING INSERT FOR 2 MM CONTACTS

TE Part # C0-0313-000-000
CRIMPING DEVICE HC20 IN CASE

Customers Also Bought



TE Part #926209-4
2X4P LOCK-CLIP GEH



TE Part #52420
PIDG LONG SPRING SPADE TONGUE TERMINALS



TE Part #811552-000
202F221-50-0



TE Part #2201864-1
Mini I/O Receptacle Kit Type 1 Piercing



TE Part #2201855-3
Mini I/O Cable Conn. Piercing D1



TE Part #CQ50513001
RAY-103-10.0(10)



TE Part #BEA127N00000205000
923 RECEPTACLE, SPEEDTEC-READY



TE Part #AKA021M04620200000
623 EXTENSION, SPEEDTEC-READY



Documents

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_CGA257N00000056000_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_CGA257N00000056000_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_CGA257N00000056000_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[CGA257N00000056000](#)

English

Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

English