ESTA002NN00310001000 ✔ ACTIVE

TE Internal #: ESA002N00310001000

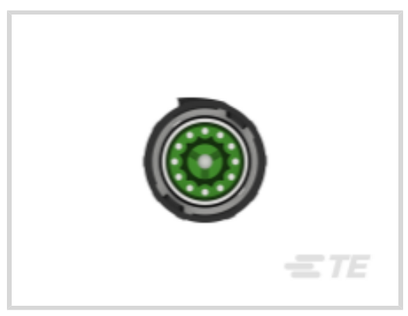
Cable-to-Cable, 12 Position, Signal, Cable Mount (Free-Hanging), Electrodeposited Nickel, Zinc Alloy, PBT+PA, Standard Circular Connectors

View on TE.com >

Connectors > Circular Connectors > Standard Circular Connectors







Connector System: **Cable-to-Cable**

Connector Mounting Type: **Cable Mount (Free-Hanging)**

Number of Positions: **12**

Sealable: **No**

Circuit Application: **Signal**

Features

Product Type Features

Product Type	Housing Assembly
Connector System	Cable-to-Cable
Sealable	No
Circular Connector Type	Plug
Shell Type	Metal

Configuration Features

Number of Positions	12
Number of Power Positions	0
Number of Signal Positions	12
Contacts Preloaded	No

Electrical Characteristics

Operating Voltage	63 VAC

Body Features

Environmental Protection Type	Sealed

Environmental Protection	IP67
Shell Plating Material	Electrodeposited Nickel
Shell Base Material	Zinc Alloy
Circular Connector Insulation Material Type	PBT+PA

Mechanical Attachment

Mating Retention Type	Push-Pull Self-Locking
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Retention	With

Housing Features

Circular Connector Shell Size	15

Dimensions

Cable Diameter Range	4.5 – 6.5 mm[.18 – .26 in]

Usage Conditions

IP Water Sealing Level	IP67
Operating Temperature Range	-20 – 130 °C[-4 – 266 °F]

Operation/Application

Durability Rating	500 Cycles
Circuit Application	Signal
Shielded	Yes

Industry Standards

UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	UL

Product Compliance

For compliance documentation, visit the product page on TE.com>

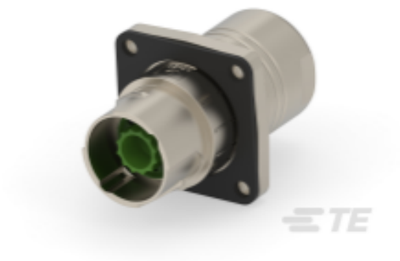
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240)

	SVHC > Threshold: Pb (3.5% in Component) **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.
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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



TE Part # EKA001N00310103000
615 EXTENSION



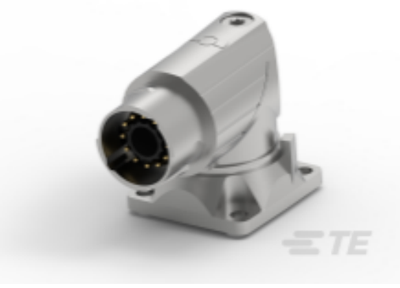
TE Part # ESB001N00310001000
615 PLUG



TE Part # 60-0252-011-P00
CONTACT SOCKET 1 MM



TE Part # C0-0258-000-000
POSITIONING INSERT FOR 1 MM CONTACTS



TE Part # EGA001N00000651000
615 itec receptacle angl rotatable 25x25

TE Part # C0-0235-000-P00
DIGITAL CRIMPING TOOL, SMALL

TE Part # C0-0201-000-P00
CRIMPING TOOL MID-SIZE

Customers Also Bought



TE Part #60-0227-011-000
CONTACT SOCKET 3,6 MM



TE Part #BEA854N0000150A000
917 RECEPTACLE, SPEEDTEC-READY



TE Part #CSA264N00450020000
940 PLUG, SPEEDTEC

TE Part #60-0485-011-000
SOCKET 1.5 CRIMP 0.35 - 2.5 SLOTTED AU

TE Part #61-0400-011-000
PIN 1.5 CRIMP 0.35 - 2.5 AU



TE Part #BGC898N0000050A000
917 receptacle angled, rotatable

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_ESA002N00310001000_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_ESA002N00310001000_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_ESA002N00310001000_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

ESA002N00310001000

English

fuer Datenblaetter, die online konfigurierbar sind

German

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

5174225-5 1-350945-0 1801174-1 322335 828801-6 539635-1 ROX9J120R SMA-A0102FTDL10K 320552 641763-1 ROX9J820R 173796-E 2149966-1 ROX9J4K3 SC30R33KT T4112401051-000 1622820-6 967116-2 SMF3100KJT MPT100C8K2F ROX9J160R ROX9J2K4 1-917659-5 336330-1 363549-000 ROX9J100R 1-316080-2 2008571-3 2132781-3 7-2178711-4