



Connectors > Circular Connectors > Standard Circular Connectors > NANONICS 44 Pin Circular Connector: Plug, Quick Disconnect



Number of Positions: 44

Connector System: Wire-to-Wire

Sealable: Yes

Connector & Contact Terminates To: Wire & Cable

Contact Current Rating (Max): 1 A

[All NANONICS 44 Pin Circular Connector: Plug, Quick Disconnect \(4\)](#)

Features

Product Type Features

Circular Connector Shell Type	Metal-Shell
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Plug
Shell Type	Metal

Configuration Features

Number of Positions	44
Contacts Preloaded	Yes

Body Features

O-Ring Material	Fluorosilicone
Shell Plating Material	Electroless Nickel
Shell Base Material	Aluminum
Circular Connector Insulation Material Type	LCP (Liquid Crystal Polymer)
Hermetically Sealed	Yes

Contact Features



Contact Current Rating (Max)	1 A
Circular Connector Contact Type	Pin

Mechanical Attachment

Mating Retention Type	Push-Pull Quick Disconnect
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Retention	With

Dimensions

Assembly Length	213.4 mm[8.4 in]
Wire Size	30 AWG

Usage Conditions

IP Water Sealing Level	IP68
Operating Temperature Range	-67 – 392 °C

Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Quantity	1
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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
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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (.6% in 74018820) 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	Not Yet Reviewed for halogen content
Solder Process Capability	Wave solder capable to 265°C


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>


Customers Also Bought




TE Part #ZPF000000000099828
901-21 RT 2-37-0 SN




TE Part #422643-000
TXR18AB00-2812AI




TE Part #351833-000
TXR18AB00-2210AI




TE Part #ZPF000000000004854
901-20 RT 2-37-0 PN



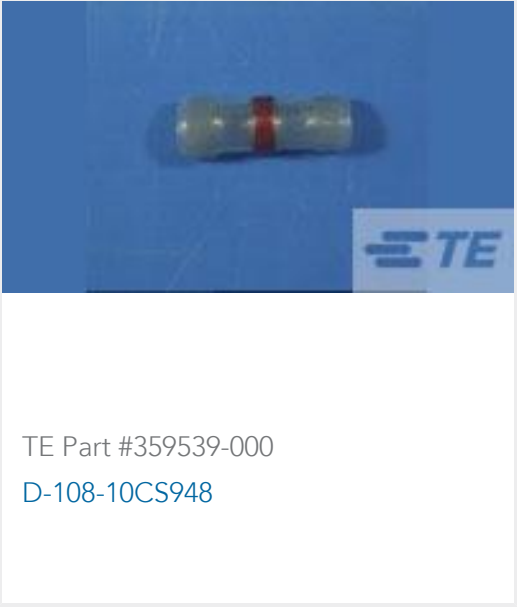
TE Part #282532-003
81044/12-18-6




TE Part #828093-000
TXR54AB45-1206AI



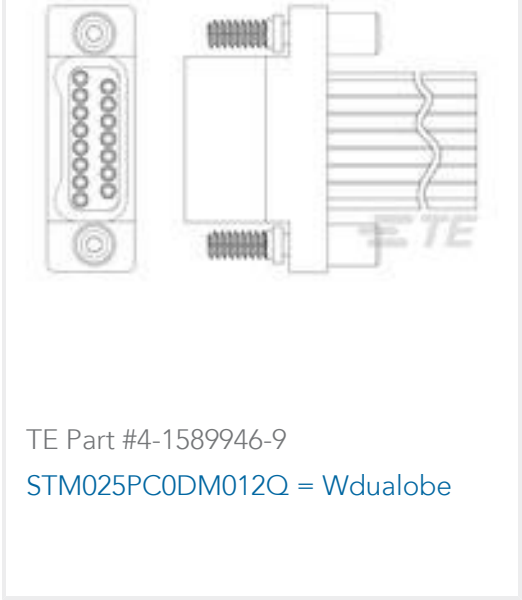
TE Part #YDIV43E23-55PNC001
RECP ASSY



TE Part #359539-000
D-108-10CS948



TE Part #306040-001
44AM1121-20-0/2-9



TE Part #4-1589946-9
STM025PC0DM012Q = Wdualobe

Documents

Product Drawings

QCM044PC2DMC20 = Circular

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-1589059-4_B.2d_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_1-1589059-4_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1589059-4_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[1589059 Nanonics Cross Reference](#)

English