



QCM007SC2DC012P Product Details

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Nanominiature Circular Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Preloaded
- Connector Style = Receptacle
- 7 Positions
- With Environmental Protection
- Wire Size = 0.05² [30] mm² [AWG]

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QCM007SC2DC012P
(1589060-4)

TE Internal Number: 1589060-4

Active

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Documentation & Additional Information

Product Drawings:

- [RECEPTACLE ASSEMBLY, CIRCULAR, PANEL MOUNT, THREADED...](#) (PDF, English)

Catalog Pages/Data Sheets:

- [1589060 Nanonics Cross Reference](#) (PDF, English)

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- [2D Drawing](#) (DXF, Version F)
- [3D Model](#) (IGES, Version F)
- [3D Model](#) (STEP, Version F)

Additional Product Images:

- [Product Photo](#)

Related Products:

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Feedback

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- [Wire Size \(mm² \[AWG\]\)](#) = 0.05² [30]
- [Wire Material](#) = Color Coded Fluoropolymer

Mechanical Attachment:

- [Mating Retention Type](#) = Push-Pull Quick Disconnect
- [Panel Attachment Style](#) = Rear Mount
- Panel Mount Retention = With

Electrical Characteristics:

- Resistance (Ω) = .003 - .008
- Contact - Rated Current (A) = 1

Dimensions:

- [Length \(mm \[in\]\)](#) = 304.80 [12.000]

Body Features:

- [Wire Type](#) = Stranded
- Insulator Material = Liquid Crystal Polymer (LCP) or PPS
- Mount Style = Panel
- Shell Material = Aluminum 6061-T6
- Shell Plating = Nickel

Contact Features:

- Contact Base Material = Beryllium Copper
- Contact Plating = Gold over Nickel

Housing Features:

- Connector Style = Receptacle

Configuration Features:

- Preloaded = Yes
- [Number of Positions](#) = 7
- Environmental Protection = With
- [Factory Installed Backshell](#) = Without
- Environmental Protection Type = Sealed

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 260°C, Wave solder capable to 240°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Always was RoHS compliant

Conditions for Usage:

- Temperature Range (°C) = -55 - +200

Other:

- Brand = Nanonics

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