SSM009PC2DC012N ✔ ACTIVE

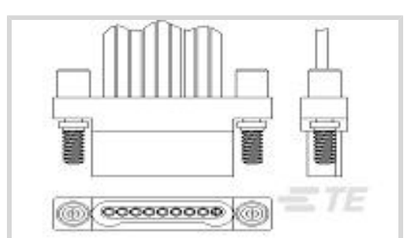
Nanonics

TE Internal #: 6-1589455-3

TE Internal Description: SSM009PC2DC012N = WDUALOBE

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Product Type: **Connector**

Connector & Housing Type: **Plug**

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Mating Retention: **With**

Features

Product Type Features

Product Style	Assembly
Shape	Rectangular
Wire/Cable Type	Stranded
Connector Type	Connector Assembly
Housing Type	Plug
Product Type	Connector
Connector & Housing Type	Plug
Connector System	Cable-to-Cable
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Cavities	9
Number of Positions	9
Number of Rows	1
Panel Gasket	Without

Electrical Characteristics

Operating Voltage	500 VAC

Contact Features

Contact Layout	In-line

Contact Type	Pin
Contact Underplating Material	Nickel
Contact Plating Material	Gold
Contact Retention Within Housing	Without
Contact Current Rating (Max)	1 A

Mechanical Attachment

Panel Mount	No
Panel Mount Feature	Without
Mating Alignment	With
Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Jackscrew
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Aluminum
Centerline (Pitch)	.64 mm[.025 in]

Dimensions

Wire Size	.05 mm^2

Usage Conditions

Operating Temperature Range	-200 – 200 °C[-328 – 392 °F]

Operation/Application

Shielded	No
Circuit Application	Signal

Packaging Features

Packaging Method	Package
Packaging Quantity	1

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JUL 2019 (201) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JUL 2019 (201)
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Wave solder capable to 265°C

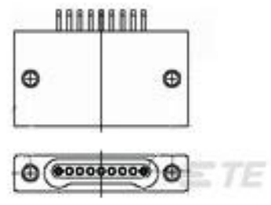
Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

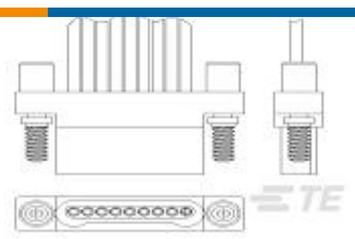
Compatible Parts

TE Model / Part # 4-1773447-3
Wire & Cable-Protection & Termination

Customers Also Bought



TE Model / Part #2-1589462-5
SSM009L2HN = SMT CONN

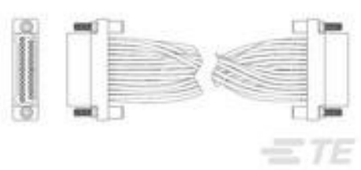


TE Model / Part #2-1589456-4
SSM025PC2DC30N = WDUALOBE

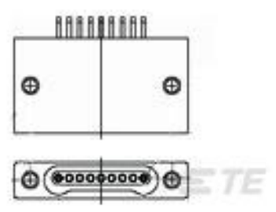
TE Model / Part #1589056-3
QCM007SC2DCC30F = CIRCULAR

TE Model / Part #1-1589055-0
QCM007PC2DCC30 = CIRCULAR

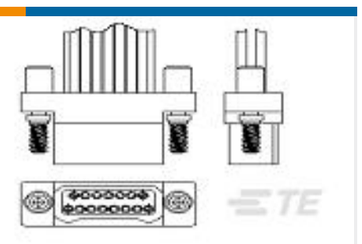
TE Model / Part #687452-000
202M124-19B



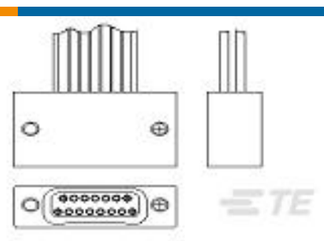
TE Model / Part #6-1589737-7
JTM025PP2DM012N = Wdualobe



TE Model / Part #1589462-3
SSG051L2AQ = SMT CONN



TE Model / Part #5-1589473-2
STM015PC2DCC30N = WDUALOBE



TE Model / Part #8-1589476-2
STM015SC2DCC30N = WDUALOBE

TE Model / Part #1-1589686-0
TCM007PC2DC022B = Circular

Documents

Product Drawings

SSM009PC2DC012N = WDUALOBE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6-1589455-3_R_c-6-1589455-3-r.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6-1589455-3_R_c-6-1589455-3-r.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-1589455-3_R_c-6-1589455-3-r.3d_stp.zip

English

Datasheets & Catalog Pages

1589455 Nanonics Cross Reference

English