



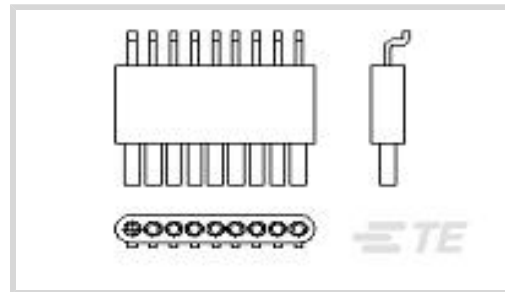
Nanonics

TE Internal #: 1589452-4

PCB Mount Receptacle, Horizontal, Wire-to-Board, 9 Position, .64mm [.025in] Centerline, 1 Row, Tin-Lead, Natural Housing Color, Printed Circuit Board

[View on TE.com >](#)

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Horizontal**

Connector System: **Wire-to-Board**

Number of Positions: **9**

Centerline (Pitch): **.64 mm [.025 in]**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Keying & Polarized Position Locations	1
PCB Mount Orientation	Horizontal
Number of Positions	9
Number of Rows	1

Contact Features

Contact Layout	Inline
Contact Retention Within Housing	Without
Contact Shape & Form	Round
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Beryllium Copper
Contact Mating Area Plating Material	Tin-Lead
Contact Mating Area Plating Material Thickness	1.27 – 2.28 μm[50 – 90 μin]
Contact Type	Socket



Termination Features

Rectangular Termination Post & Tail Thickness	.19 mm[.008 in]
Rectangular Termination Post & Tail Width	.23 mm[.009 in]
Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

Surface Mount Extended Leads	Without
Strain Relief	Without
Mating Alignment Type	Polarization
Mating Alignment	With
Panel Mount Feature	Without
PCB Mount Alignment	Without
Mating Retention	Without
PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	.64 mm[.025 in]
Housing Color	Natural
Housing Material	LCP (Liquid Crystal Polymer)

Dimensions

	.04 in[1.02 in]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	1
Packaging Method	Package

Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
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 2021 (211)



Candidate List Declared Against: JAN 2020
(205)
SVHC > Threshold:
Not Yet Reviewed

Halogen Content
Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability
Not lead free process capable

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 # 1589451-3
USS009B2 = STRIP CON

Customers Also Bought



TE Part #1825007-6
DRD10E04=ROT DIP,10P



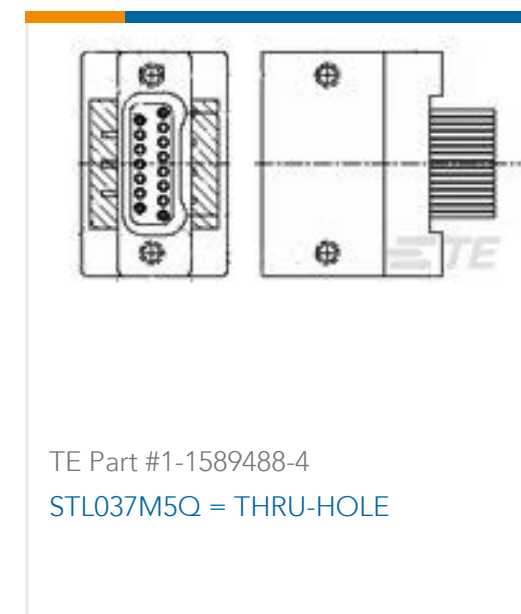
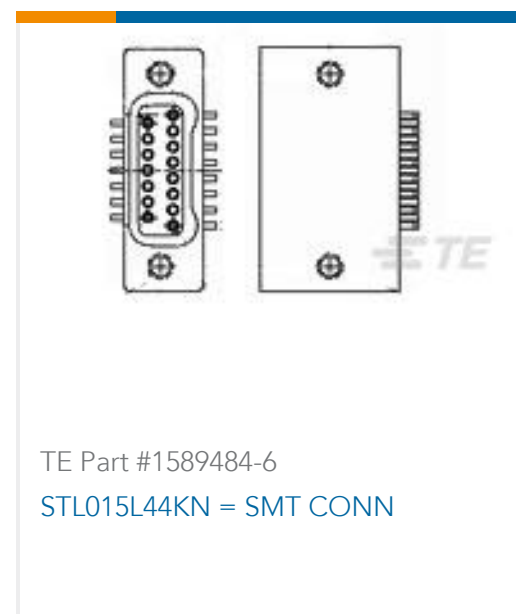
TE Part #1011-348-0805
DEUTSCH DT DUST CAPS



TE Part #11031152-00
Model 55000 Series



TE Part #YDTS20F11-05PDV001
D38999: Square Flange, 11-05 insert



Documents

Product Drawings

USS009L2T = STRIP CON

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1589452-4_R_c-1589452-4-r.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1589452-4_R_c-1589452-4-r.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1589452-4_R_c-1589452-4-r.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[1589452 Nanonics Cross Reference](#)

English