

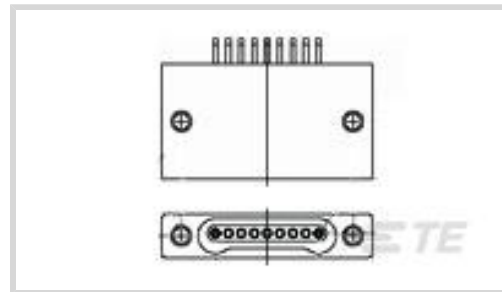
Nanonics

TE Internal #: 2-1589462-5

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

PCB Mount Orientation	Horizontal
Number of Positions	9
Number of Rows	1

Contact Features

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

Surface Mount Extended Leads	Without
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Mounting/Mating Hardware	With
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Strain Relief	Without
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Mating Alignment Type	Polarization
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Mating Alignment	With
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Hardware Type	1.0 mm X .160" Mounting Screw
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Panel Mount Feature	Without
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Mating Retention Type	Jackscrew
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PCB Mount Alignment	Without
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Mating Retention	With
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PCB Mount Retention	Without
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Connector Mounting Type	Board Mount
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Housing Features

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

	.086 in
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Screw & Hole Diameter	1 mm[.039 in]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	5
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Packaging Method	Package
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
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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

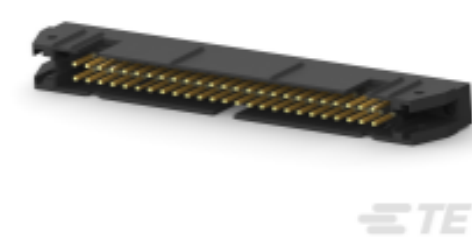
Product Compliance Disclaimer

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 # 1589666-5
302-0009-02 = CLEADFRAME

Customers Also Bought



TE Part #1-5499374-0
AMP-LATCH UNIVERSAL HEADERS



TE Part #1410971-3
MULTIGIG RT T2 7RW H-LFT RTM



TE Part #1410946-1
MULTI-GIG SOC. CAP SCREW,
CUSTOMIZED HDW



TE Part #1-1879417-7
CPF 0603 820K 0.1% 25PPM 1K RL



Documents

Product Drawings

SSM009L2HN = SMT CONN

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2-1589462-5_T.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1589462-5_T.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1589462-5_T.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[1589462 Nanonics Cross Reference](#)

English