



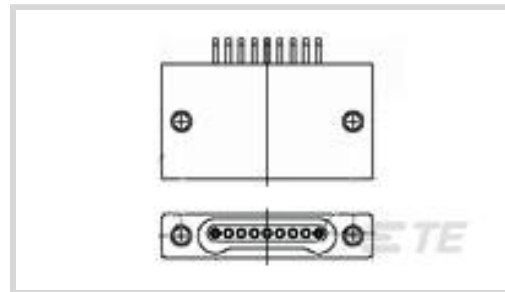
Nanonics

TE Internal #: 2-1589462-0

Receptacle, Wire-to-Board, 51 Position, .64 mm [.025 in] Centerline, Printed Circuit Board, Power, Microminiature & Nanominiature D Connectors

[View on TE.com >](#)

Connectors > D-Shaped Connectors > Microminiature & Nanominiature D Connectors > NANONICS DUALOBE Connector: Receptacle, Plastic Shell



Connector & Housing Type: **Receptacle**

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

Number of Positions: **51**

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

Sealable: **No**

[All NANONICS DUALOBE Connector: Receptacle, Plastic Shell \(18\)](#)

## Features

### Contact Features

Contact Type	Socket
Contact Options	Installed

### Termination Features

Termination Method to PCB	Surface Mount
Termination Method to Wire & Cable	Preterminated Flying Leads

### Product Type Features

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

### Configuration Features

Number of Positions	51
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### Mechanical Attachment

Connector Mounting Type	Board Mount
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### Housing Features

Centerline (Pitch)	.64 mm [.025 in]
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### Operation/Application

Circuit Application	Power
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### Other

EU RoHS Compliance	Not Compliant
EU ELV Compliance	Not Compliant

### Product Compliance

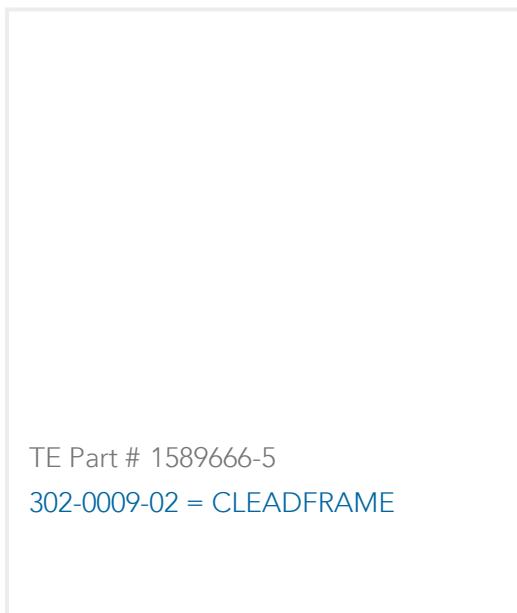
[For compliance documentation, visit the product page on TE.com>](#)

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	<p>Current ECHA Candidate List: JUNE 2024 (241)                      Candidate List Declared Against: JAN 2022 (223)                      SVHC &gt; Threshold:                      Pb (40% in Component Part)</p> <p><b>Article Safe Usage Statements:</b>                      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.</p>
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 #4525-DS5A001GPF  
PRESS XDCR, ANALOG, PSI RANGE



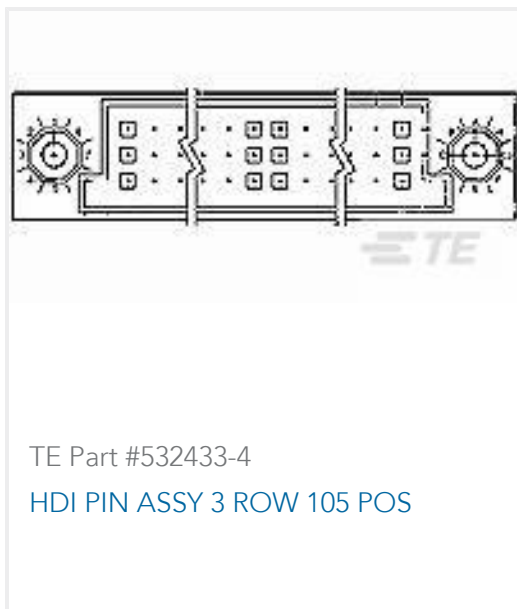
TE Part #531722-1  
2 ROW BOX PIN 30 POS R/A



TE Part #2176323-7  
SMV 2W 330K 5%



TE Part #3-1879214-0  
CPF 0402 649R 0.1% 25PPM 1K RL



TE Part #532433-4  
HDI PIN ASSY 3 ROW 105 POS



TE Part #CAT-SSL-RECEPTACLE  
NANONICS DUALLOBE Connector:  
Receptacle, Plastic Shell



TE Part #1045672-1  
1062 0000 00



TE Part #87984-8  
08 MODI BDMNT RCPT SR .156CL



TE Part #1617118-8  
J1MAC-5XL = M39016/7-025L

### Documents

#### Product Drawings

[SSL051L2HN = SMT CONN](#)

English

#### CAD Files

[3D PDF](#)

[3D](#)

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-1589462-0\\_T\\_c-2-1589462-0-t.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2-1589462-0\\_T\\_c-2-1589462-0-t.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2-1589462-0\\_T\\_c-2-1589462-0-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