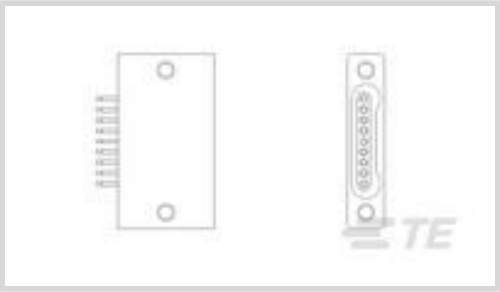




Connectors > D-Shaped Connectors > NANONICS DUALOBE Connector: Receptacle, Metal Shell



Number of Positions: 51

Connector & Housing Type: **Receptacle**

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

Connector Mounting Type: **Board Mount**

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

[All NANONICS DUALOBE Connector: Receptacle, Metal Shell \(21\)](#)

Features

Product Type Features

Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Horizontal
Number of Positions	51

Contact Features

Contact Current Rating (Max)	1 A
Contact Options	Installed

Termination Features

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

Mechanical Attachment

Connector Mounting Type	Board Mount
Mounting Hardware	No Hardware

Housing Features

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

Usage Conditions

Operating Temperature Range -65 – 125 °C[-85 – 257 °F]

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	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (40% in Component) Article Safe Usage Statements: 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.
Halogen Content	Low Halogen - Br, Cl, F < 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 #DT04-4P-CE01
REC, 4P, GRY, E, CAP

TE Part #1-87456-2
16 MODIV HSG DR MRKD .100CL

TE Part #1-1676914-2
YR1 0.1% 392R

TE Part #2-1718806-1
5POS, MCON 1.2 LL REC SEALED

TE Part #1977223-4
FSM2JSMASSTR=6MM TACT SWITCH,
SMT 160gf,

TE Part #1982257-5
Z-PACK Slim UHD Power 5 pos
receptacle

TE Part #4-2176422-2
TLRP 2512 3.0W R100 1% 25PPM 4K RL

TE Part #5352869-1
2MMHM ASY,TYPE B 133 POS

TE Part #5558067-1
MJ ASSY,10POS,R/A,PC

TE Part #W4SC
WEDGE LOCK, 4P, PLG, GRN, STD,
DT, C

Documents

Product Drawings
SSM051L24Q = SMT
English

Datasheets & Catalog Pages
1589462 Nanonics Cross Reference
English