

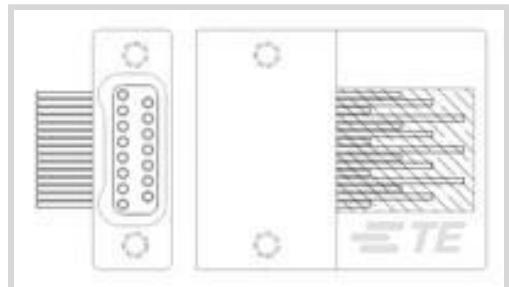
**Nanonics**

TE Internal #: 7-1589487-9

Receptacle, Wire-to-Board, 37 Position, 1.27 mm [.05 in] Centerline,  
Printed Circuit Board, Power, Microminiature & Nanominiature D  
Connectors

[View on TE.com >](#)

Connectors > D-Shaped Connectors > Microminiature & Nanominiature D Connectors > DUALOBE Receptacle Connectors: Metal Shell, 37 Pin/2 row



Connector & Housing Type: **Receptacle**

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

Number of Positions: **37**

Centerline (Pitch): **1.27 mm [.05 in]**

Sealable: **No**

[All DUALOBE Receptacle Connectors: Metal Shell, 37 Pin/2 row \(15\)](#)

## Features

### Contact Features

|                 |           |
|-----------------|-----------|
| Contact Type    | Socket    |
| Contact Options | Installed |

### Termination Features

|                                    |                            |
|------------------------------------|----------------------------|
| Termination Method to PCB          | Through Hole - Solder      |
| 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 | 37 |
|---------------------|----|

### Housing Features

|                    |                  |
|--------------------|------------------|
| Centerline (Pitch) | 1.27 mm [.05 in] |
|--------------------|------------------|

### Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

## Other

|                    |               |
|--------------------|---------------|
| EU RoHS Compliance | Not Compliant |
| EU ELV Compliance  | Not Compliant |

## Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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: JUNE 2024<br>(241)<br>Candidate List Declared Against: JUL 2017<br>(174)<br>SVHC > Threshold:<br>Not Yet Reviewed |
| Halogen Content                               | Not Yet Reviewed for halogen content   |
| Solder Process Capability                     | Not lead free process capable  |

### Product Compliance Disclaimer

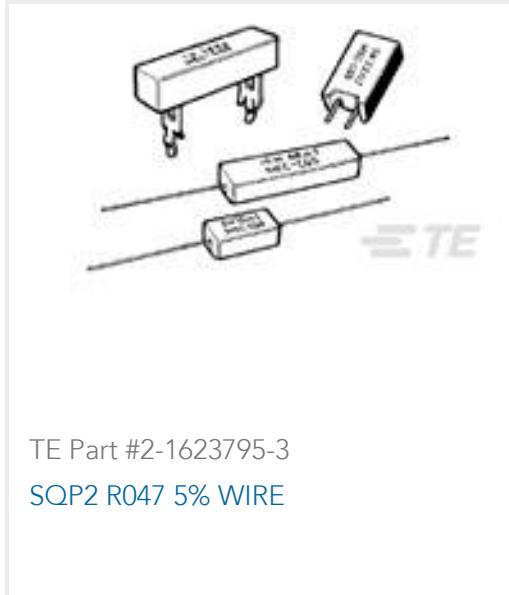
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 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 Part # 9-1589665-4  
302-0004-02 = CLEADFRAME

## Customers Also Bought

TE Part #2-1623795-3  
SQP2 R047 5% WIRETE Part #1-1630019-4  
HSC200 2K4 5%TE Part #9-2176397-4  
3502 7K5 1%TE Part #1-1969694-4  
PTL 1X4 PCB HEADER R/A HITEMP  
KEY A LGRTE Part #YD369-B99-AP400000  
369 9 WAY PANEL MNT REC, 90 PCB  
GOLD,PINTE Part #YD369-B99-NP400000  
369 9 WAY PANEL MNT REC, 90 PCB  
GOLD,PINTE Part #YD369-B99-NS400000  
369 9 WAY PANEL MNT REC, 90 PCB  
GOLD,SKTTE Part #YDTS24T15-18PNV001  
RECP ASSYTE Part #YDTS24T21-35SNV001  
RECP ASSY

## Documents

### Product Drawings

#### STM037M6CN = THRU-HOLE

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_7-1589487-9\\_T.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_7-1589487-9\\_T.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_7-1589487-9\\_T.3d\\_stp.zip](#)

English

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

**Datasheets & Catalog Pages**

[1589487 Nanonics Cross Reference](#)

English