STM051M5PQ ✔ ACTIVE

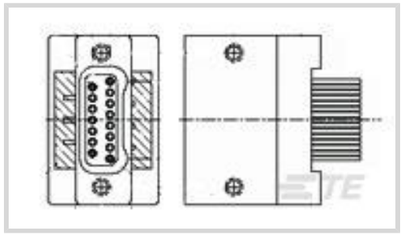
Nanonics

TE Internal #: 4-1589488-3

51 Position D-Shaped Connector, Receptacle, Wire-to-Board, Board Mount, 1.27 mm [.05 in] Centerline, Printed Circuit Board, Power

View on TE.com >

Connectors > D-Shaped Connectors > DUALOBE Receptacle Connectors: Metal Shell, 51 Pin/2 row



Number of Positions: **51**

Connector & Housing Type: **Receptacle**

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

Connector Mounting Type: **Board Mount**

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

All DUALOBE Receptacle Connectors: Metal Shell, 51 Pin/2 row (9)

Features

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

Contact Features

Contact Type	Socket
Contact Current Rating (Max)	1 A
Contact Options	Installed

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Method to Wire & Cable	Preterminated Flying Leads

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	1.27 mm[.05 in]

Usage Conditions

Operating Temperature Range	-200 – 200 °C[-328 – 392 °F]

Operation/Application

Circuit Application	Power

Product Compliance

For compliance documentation, visit the product page on TE.com>

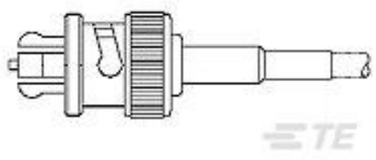
EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (40% in 74023047) **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	Not Yet Reviewed for halogen content
Solder Process Capability	Not lead free process capable

Compatible Parts

TE Part # 9-1589665-4
302-0004-02 = CLEADFRAME

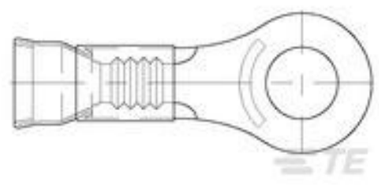
Customers Also Bought

TE Part #ADP-SMAF-SMAF-B-G
SMA Jack to SMA Jack Bulkhead

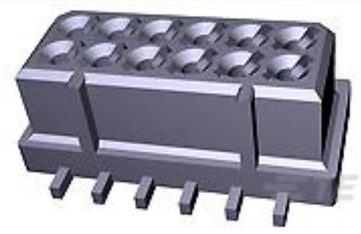


TE Part #51426-2
SAFE HIGH VOLTAGE PLUG

TE Part #52947
PG SP SPD 22-16COMM 22-18MIL 4



TE Part #150492
TERM, RT,STRAT,DGRP, HR, 22-16, M3.5(#6)



TE Part #4-175630-2
1.25FP,R12,DL,O,N,TR

TE Part #1052422-1
2052 0000 02,SMA FM JACK RECPT

TE Part #1-1630186-9
HSA50 4R0 5%

TE Part #1828200-1
ARINC 801 MM MT CONN KIT

TE Part #2118721-2
STD SHIELD COVER, CRS-38.60X25.90X2.00MM

TE Part #5227222-3
VERT JK W/MTG PINS, BNC PCB

Documents

Product Drawings

STM051M5PQ = THRU-HOLE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-1589488-3_S.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-1589488-3_S.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-1589488-3_S.3d_stp.zip

English

Datasheets & Catalog Pages

1589488 Nanonics Cross Reference

English