



Microdot

TE Internal #: 1-1532185-9
51 Position, Plug, Cable-to-Board, Panel Mount, 1.27 mm [.05 in]
Centerline, Wire & Cable, Signal, -55 – 125 °C [-67 – 257 °F]

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Connectors > D-Shaped Connectors



Number of Positions: 51
Connector & Housing Type: Plug
Connector System: Cable-to-Board
Connector Mounting Type: Panel Mount
Centerline (Pitch): 1.27 mm [.05 in]

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
Connector & Housing Type	Plug
Connector System	Cable-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	51
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Body Features

Shell Plating Material	Electroless Nickel
Insulation Color	Black
Flying Leads Length	457.2 mm[18 in]

Contact Features

Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Beryllium Copper
Contact Type	Pin
Contact Current Rating (Max)	3 A
Contact Options	Installed

Termination Features

Termination Method to Wire & Cable	Preterminated Flying Leads
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Mechanical Attachment

Connector Mounting Type	Panel Mount
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Housing Features

Centerline (Pitch)	1.27 mm [.05 in]
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Usage Conditions

Operating Temperature Range	-55 – 125 °C [-67 – 257 °F]
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Operation/Application

Circuit Application	Signal
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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	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: JAN 2025 (247) SVHC > Threshold: Cd (100% in Component) Article Safe Usage Statements: Use personal protective equipment as required. Do not eat, drink or smoke when using this product. 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>



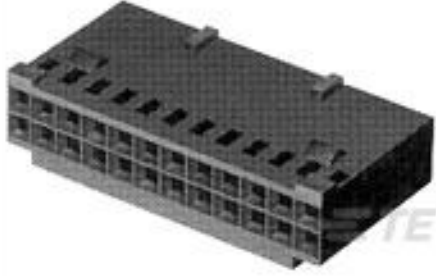
Customers Also Bought



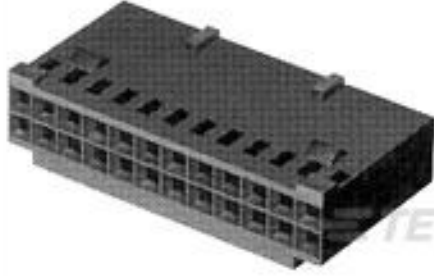
TE Part #920001-000
55A1124-24-9/96-9CS2275



TE Part #244545-000
44AM1131-12-MST3-9CS2275



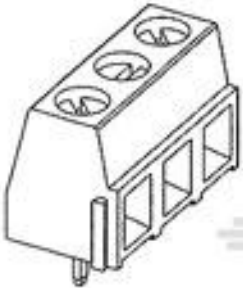
TE Part #2-87631-4
28 MODIV HSG DR MRKD .100 POL



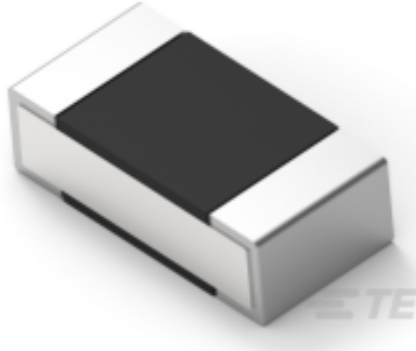
TE Part #5-87631-2
60 MODIV HSG DR MRKD .100 POL



TE Part #205559-2
RECEPT ASSY,25 POSN,AMPLIMITE



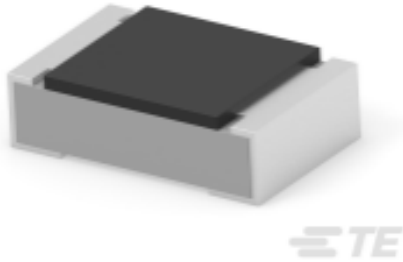
TE Part #282836-1
TERMI-BLOK PCB MOUNT 5,0MM PEG



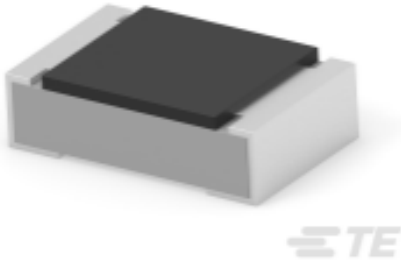
TE Part #3-2176306-7
RP 1E 0.1W 2K74 0.1% 25PPM 5K RL



TE Part #3-2176455-0
CPF 0402 8R45 0.1% 25ppm 1K RL



TE Part #5-2176573-7
RLC73PW 2A R255 1% 5K RL



TE Part #8-2176573-9
RLC73PD 2A R549 1% 5K RL

Documents

Product Drawings
M83513/03-G03C, MCKS-C2-B-51P6G9-18.0
English

CAD Files
Customer View Model
ENG_CVM_CVM_1-1532185-9_C.2d_dxf.zip
English
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-1532185-9_C.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1-1532185-9_C.3d_stp.zip
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

1-1532185-9

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Datasheets & Catalog Pages
MICRODOT Microminiature D Connectors
English