

**Microdot**

TE Internal #: 1532213-2

Microminiature &amp; Nanominiature D Connectors, Plug, Cable-to-Board, 31 Position, .05 in [1.27 mm] Centerline, Wire &amp; Cable, Signal

[View on TE.com >](#)

Connectors &gt; D-Shaped Connectors &gt; Microminiature &amp; Nanominiature D Connectors

Connector & Housing Type: **Plug**Connector System: **Cable-to-Board**Number of Positions: **31**Centerline (Pitch): **1.27 mm [.05 in]**Connector & Contact Terminates To: **Wire & Cable****Features****Product Type Features**

Connector & Housing Type	Plug
Connector System	Cable-to-Board
Connector & Contact Terminates To	Wire & Cable

**Configuration Features**

Number of Positions	31
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**Contact Features**

Contact Current Rating (Max)	3 A
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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
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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 2022 (224)

Candidate List Declared Against: JAN 2022 (223)

SVHC &gt; Threshold:

Cd (.2% in Shell Finish)

Pb (.4% in shell)

**Article Safe Usage Statements:**

Use personal protective equipment as required. 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

BFR/CFR/PVC Free, but Br/Cl &gt;900 ppm in other sources.

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>

## Documents

### Product Drawings

[M83513/01-EC, MCKS-C2-B-31PS](#)

English

### CAD Files

[3D PDF](#)

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_1532213-2\\_B.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_1532213-2\\_B.3d\\_igs.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_1532213-2\\_B.3d\\_stp.zip](#)

English

094-6535-0000

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[Datasheets & Catalog Pages](#)

[Products for Aerospace and Defense](#)

English