

**AMPLIMITE**

TE Internal #: 8-1393480-8

Solder D-Sub Connectors, Plug, Wire-to-Board, 37 Position, Size 20, Size 4, Mating Retention, .108 in [2.76 mm] Centerline, Printed Circuit Board

[View on TE.com >](#)

Connectors &gt; D-Shaped Connectors &gt; D-Sub Connectors &gt; Solder D-Sub Connectors

Connector & Housing Type: **Plug**Connector System: **Wire-to-Board**Number of Positions: **37**D-Sub Contact Size: **20**D-Sub Shell Size: **4****Features****Product Type Features**

Connector & Housing Type	Plug
Connector System	Wire-to-Board
D-Sub Shell Size	4
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

**Configuration Features**

Number of Positions	37
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**Contact Features**

D-Sub Contact Size	20
Contact Current Rating (Max)	2.2 A

**Mechanical Attachment**

Mating Retention	With
Mating Retention Type	Threaded Insert, 4-40 UNC
Connector Mounting Type	Board Mount

**Housing Features**

Enclosure	Without
Centerline (Pitch)	2.76 mm [.108 in]

**Usage Conditions**



Operating Temperature Range	-55 – 105 °C[-67 – 221 °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 Yet Reviewed
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: JUNE 2022 (224) Candidate List Declared Against: JUN 2012 (84) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Wave solder capable to 265°C

#### 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



## Documents

### CAD Files

Customer View Model

[ENG\\_CVM\\_8-1393480-8\\_A3.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_8-1393480-8\\_A3.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_8-1393480-8\\_A3.2d\\_dxf.zip](#)

English

### 3D PDF

3D

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

### Datasheets & Catalog Pages

[AMPLIMITE Subminiature D Connectors - Right-Angle Posted Connectors](#)

English