

AMPLIMITE

TE Internal #: 8-1393480-7

TE Internal Description: V23529B1223C225=SUB D STIFTLEI

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Connectors > D-Shaped Connectors

Number of Positions: **25**Connector & Housing Type: **Plug**Connector System: **Cable-to-Board**Connector Mounting Type: **Board Mount**Connector Shell Size: **3**

Features

Product Type Features

Ground Feature Type	Grounding Indents, Grounding Straps
Shell Material Configuration	Full Metal Shell
Connector & Housing Type	Plug
Connector System	Cable-to-Board
Connector Shell Size	3
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Right Angle
Number of Rows	2
Number of Positions	25

Body Features

Assembly Process Feature Material	Brass
Shell Plating Material	Tin
Primary Product Color	Black
Connector Profile	Eurostyle

Contact Features

	30 µin
Contact Shape & Form	Round
Contact Mating Area Plating Material	Gold (Au)

Contact Base Material	Phosphor Bronze
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PCB Contact Termination Area Plating Material	Tin
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Contact Current Rating (Max)	2.2 A
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Contact Options	Installed
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Termination Features

Termination Method to PCB	Through Hole - Solder
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Termination Post & Tail Length	3.2 mm[.126 in]
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Mechanical Attachment

Mating Retention Type	Threaded Insert, 4-40 UNC
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PCB Mount Retention	With
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Mounting Hole Diameter	3.1 mm
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Mating Retention	With
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PCB Mount Retention Type	Boardlock
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PCB Mount Alignment	With
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Assembly Process Feature Plating Material	Tin
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Connector Mounting Type	Board Mount
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Housing Features

Housing Material	Thermoplastic PBTP
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Shell Material	Steel
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Centerline (Pitch)	2.74 mm[.108 in]
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Dimensions

Row-to-Row Spacing	2.84 mm[.112 in]
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PCB Thickness (Recommended)	1.57 mm[.062 in]
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Usage Conditions

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

Durability Rating	250 Cycles
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Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Compatible With Approved Standards Products	DIN 41652
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Packaging Features



Packaging Quantity	32
Packaging Method	Tray

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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	<p>Current ECHA Candidate List: JAN 2025 (247)</p> <p>Candidate List Declared Against: JUL 2021 (219)</p> <p>SVHC > Threshold:</p> <p>Pb (3.6% in component part)</p> <p>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.</p>
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 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 #5-146252-5
10 MODII HDR DRST B/A .100 LF



TE Part #2-1419108-7
RTB34012F



TE Part #6469002-1
HM-ZD 4PR HDR 80P 5.2MM



TE Part #2-1625890-0
2W SM M/OX 5% 1K0



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_8-1393480-7_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-1393480-7_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-1393480-7_A.3d_stp.zip](#)

English

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

Agency Approvals

[UL Report](#)

English