

5552126-1 ✓ ACTIVE

CHAMP

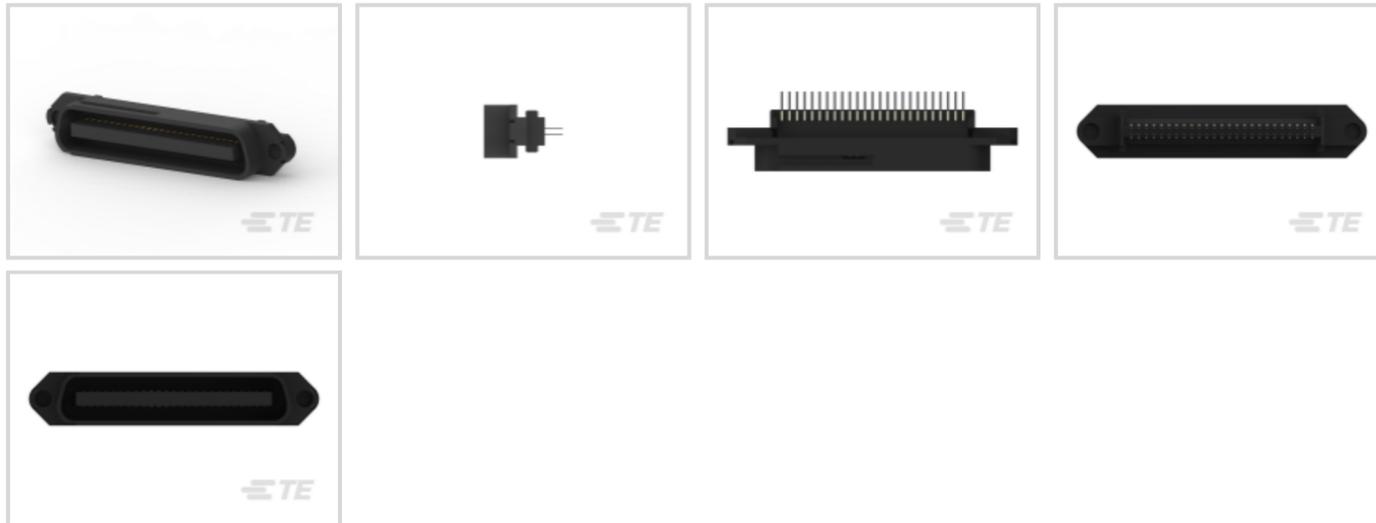
TE Internal #: 5552126-1

50 Position D-Shaped Connector, Plug, Cable-to-Board, Board Mount, 2.16 mm [.085 in] Centerline, Printed Circuit Board, Signal

[View on TE.com >](#)



Connectors > D-Shaped Connectors



Number of Positions: 50

Connector & Housing Type: **Plug**

Connector System: **Cable-to-Board**

Connector Mounting Type: **Board Mount**

Centerline (Pitch): 2.16 mm [.085 in]

Features

Product Type Features

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

Configuration Features

Number of Positions	50
Number of Rows	2
PCB Mount Orientation	Vertical

Body Features

Primary Product Color	Black
Connector Profile	Standard

Contact Features

Contact Pitch	30 μ m
Contact Underplating Material	Palladium Nickel
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 Shape & Form	Spring
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Contact Options	Installed
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Termination Features

Rectangular Termination Post & Tail Width	.5 mm[.019 in]
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Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
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Termination Method to PCB	Surface Mount
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Mechanical Attachment

	.187 in
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Mounting Feature Material	Thermoplastic
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Connector Mounting Type	Board Mount
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PCB Mount Retention	Without
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Mating Retention	With
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Mating Retention Type	Screwlocks
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Housing Features

Housing Material	Polyester
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Centerline (Pitch)	2.16 mm[.085 in]
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Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
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Row-to-Row Spacing	1.58 mm[.062 in]
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Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application

Shielded	No
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Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	60
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Packaging Method	Tray
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Product Compliance

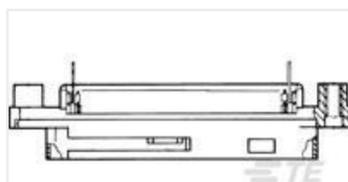
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No 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) Does not contain REACH SVHC
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>

Compatible Parts



TE Part # 5552243-1
ASSY, PLUG, 64 POS, VERT MTG

Customers Also Bought



Documents

Product Drawings

ASSY, PLUG, 50 POS, EDGE MTG

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5552126-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5552126-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5552126-1_A.3d_stp.zip](#)

English

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