

5552241-1 ✓ ACTIVE

CHAMP

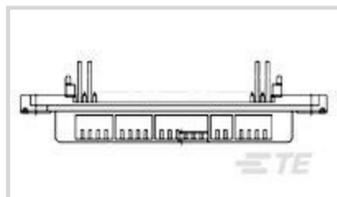
TE Internal #: 5552241-1

PCB D-Sub Connectors, Receptacle, Cable-to-Board, 36 Position,  
2.16 mm [.085 in] Centerline, 2 Row, Standard Profile, Vertical,  
Mating Retention

[View on TE.com >](#)



Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors



Connector & Housing Type: **Receptacle**

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

Number of Positions: **36**

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

Number of Rows: **2**

**Features**

**Product Type Features**

Grounded	No
PC Board Material	Glass-Filled Polyester
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Shielded	No
Product Type	Connector
Orientation	Standard

**Configuration Features**

Number of Positions	36
Number of Rows	2
PCB Mount Orientation	Vertical
Preloaded	Yes

**Body Features**

Bracket Material	Thermoplastic
Connector Profile	Standard
Color	Black



Plating Material	Thermoplastic
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#### Contact Features

Contact Mating Area Plating Material	Gold, Gold Flash over Palladium Nickel
Contact Underplating Material	Palladium Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
	30 μin

#### Termination Features

Termination Method to Printed Circuit Board	Surface Mount
	.2 in

#### Mechanical Attachment

Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention	With
Mating Retention Type	Bail Lock, Screwlocks
Connector Mounting Type	Board Mount

#### Housing Features

Centerline (Pitch)	2.16 mm [.085 in]
Housing Material	Thermoplastic
Housing Color	Black

#### Dimensions

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

#### Usage Conditions

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

Circuit Application	Signal
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#### Industry Standards

UL Flammability Rating	UL 94V-0
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#### Packaging Features

Packaging Method	Tray
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Packaging Quantity

75

**Other**

Comb Material

Thermoplastic

**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: JUNE 2022 (224)  
 Candidate List Declared Against: JUNE 2022 (224)  
 Does not contain REACH SVHC

Halogen Content

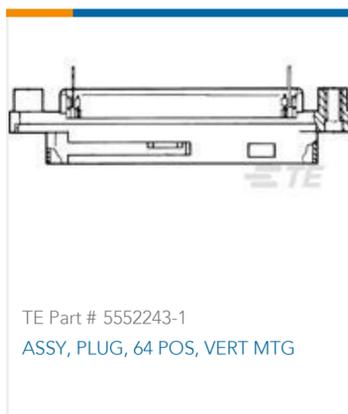
Not Low Halogen - contains Br or Cl &gt; 900 ppm.

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****Documents**



### Product Drawings

[ASSY, RCPT, 36 POS, EDGE MTG](#)

English

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### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_5552241-1\\_A.2d\\_dxf.zip](#)

English

**3D PDF**

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5552241-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5552241-1\\_A.3d\\_stp.zip](#)

English

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

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### Product Environmental Compliance

[TE Material Declaration](#)

English