



Connectors > D-Shaped Connectors > D-Sub Connectors > IDC D-Sub Connectors



Connector & Housing Type: **Receptacle**

Solid Wire Size: **.05 – .13 mm²**

Stranded Wire Size: **.08 mm²**

Features

Product Type Features

Connector Classification	IDC
Profile	Standard
Boss on Shield	With
Product Type	Connector
Product Category	Connectors
Connector & Housing Type	Receptacle
Connector System	Cable-to-Panel
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	24
Number of Rows	2
Compatible With Wire & Cable Type	Ribbon Cable

Body Features

Strain Relief Clip Material	Thermoplastic
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Shield Material	Die Cast Metal
Color	Black
Ribbon Cable Centerline Spacing	1.27 mm[.05 in]
Shield Plating Material	Nickel

Contact Features

Contact Mating Area Underplating Material	Palladium Nickel
	30 µin
Contact Mating Area Plating Material	Gold, Gold Flash
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold Flash
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	1 A

Mechanical Attachment

Mating Connector Lock	With
Mating Connector Lock Type	Screwlocks
Screw Size	11841
Panel Mount Feature	Without
Connector Mounting Type	Panel Mount

Housing Features

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

Dimensions

Solid Wire Size	.05 – .13 mm²
Stranded Wire Size	.08 mm²
Wire Size	28 AWG

Usage Conditions

Operating Temperature Range	-40 – 75 °C[-40 – 167 °F]
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Operation/Application

Shielded	Yes
Circuit Application	Signal

Packaging Features

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Packaging Method	Package
Packaging Quantity	100

Other

Comment	Boss is a 1.02 [.040] shoulder on front of shield.
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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 2020 (205) Candidate List Declared Against: JUL 2019 (201) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JUL 2019 (201)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

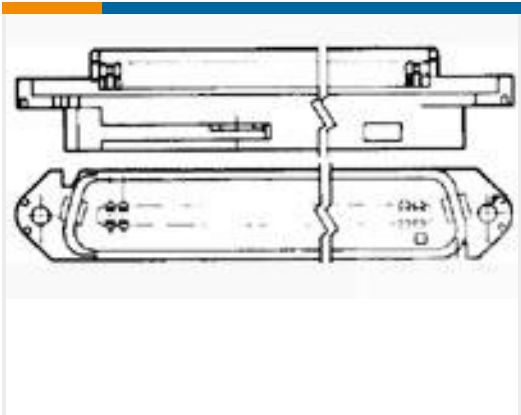
Product Compliance Disclaimer

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



TE Model / Part # 552313-1
ASSY, RCPT, 24 POS, B SLOT



TE Model / Part # 552283-1
ASSY, PLUG, 24 POS, B SLOT



TE Model / Part # 552272-1
ASSY, PLUG, 24 POS, B SLOT


Also in the Series | CHAMP Docking Connectors



D-Sub Covers(28)



D-Sub Locking & Mounting(32)



Docking Connector Guide Hardware(5)



Docking Connectors(32)

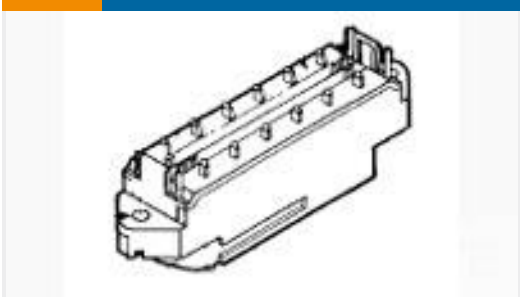


IDC D-Sub Connectors(88)



PCB D-Sub Connectors(1)

Customers Also Bought



TE Model / Part #553598-1
PLUG ASSY,24 POSN,SCR LK,L PF



TE Model / Part #2-111196-4
100 RCPT SYSTEM 50, LEAD FREE



TE Model / Part #554808-1
HDW KIT, STDOFF STUD METRIC



TE Model / Part #1-499252-0
024 STRAIN RELIEF A-L RCPT



TE Model / Part #5554349-1
EMI RCPT ASSY, 24 POS, SHLD



TE Model / Part #2-111196-0
40 RCPT SYSTEM 50, LEAD FREE



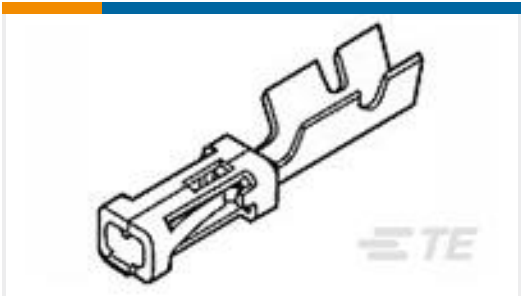
TE Model / Part #1658622-5
24 NOVO MIL/CTR 30DP,LEAD FREE



TE Model / Part #1-794609-1
PIN CONT 26-30 15 GOLD STRIP



TE Model / Part #556879-6
[PLUG HSG,AMPINNERGY WTB,6 POS](#)



TE Model / Part #103455-1
[MOD V RECP PLTD 30 AU](#)

Documents

Product Drawings

[EMI RCPT ASSY,24 POSN,SHLD](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5554434-1_B.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5554434-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5554434-1_B.3d_stp.zip](#)

English

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Product Environmental Compliance

[TE Material Declaration](#)

English