

PLUG ASSY,64POSN,FSLOT,CHAMPLK

✓ ACTIVE

CHAMP | CHAMP Docking Connectors

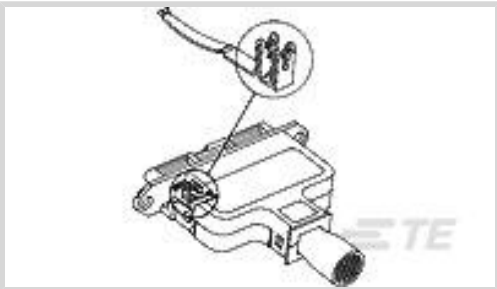
TE Part # 556409-1

TE Internal #: 556409-1

[View on TE.com >](#)



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



Connector Style: **Plug**

Solid Wire Size: **.64 mm²**

Stranded Wire Size: **.33 mm²**

Shielded: **No**

Features

Product Type Features

Product Type	Connector
Profile	Standard
Connector Classification	IDC
Product Category	Connectors
Slot Type Letter Code	F
Connector Style	Plug
Shielded	No
Connector System	Cable-to-Cable
Wire/Cable Type	Discrete Wire, Round Jacketed Cable
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	64
Number of Rows	2

Contact Features

Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	3.5 A

Mechanical Attachment

Flange Thickness	Thick
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Mating Connector Lock	With
Panel Mount Feature	Without
Mating Connector Lock Type	Bail Lock
Screw & Hole Thread Size	4-40 UNC 2B
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Insulation Diameter (Max)	.91 mm[.036 in]
Solid Wire Size	.64 mm²
Stranded Wire Size	.33 mm²

Usage Conditions

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

Circuit Application	Signal
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Packaging Features

Packaging Quantity	100
Packaging Method	Box & Tray, Package

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 2019 (197) Candidate List Declared Against: JAN 2019 (197)
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free



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 Part # 5554381-2
RCPT ASSY, 64 POSN,INT
LKG LCH

TE Part # 552315-1
ASSY, RCPT, 64 POS, B
SLOT

TE Part # 552285-1
ASSY, PLUG, 64 POS, B
SLOT

Also in the Series | CHAMP Docking Connectors

D-Sub Backshells & Clamps
(3)

D-Sub Covers(30)

D-Sub Locking & Mounting
(44)

Docking Connector Guide
Hardware(6)

Docking Connectors(38)

IDC D-Sub Connectors(88)

PCB D-Sub Connectors(2)



Customers Also Bought




TE Part #1-552496-1
90 DEG COVER KIT-64
POS BLK



TE Part #1600798-7
STR RCPT ASSY MBXL W
/KEYS 2ACP



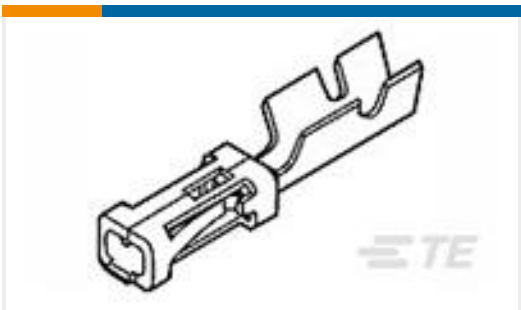
TE Part #229969-2
COVER, DUST, RCPT,
RED, CHAMP



TE Part #229968-2
COVER, DUST, PLUG,
BLUE, CHAMP



TE Part #1-552296-1
STRAIN RELIEF 64 POS
BLACK



TE Part #1-102316-2
MOD IV RECP LP



TE Part #536501-3
2MM FB,ASY,96,SIG,HDR,
SL,4.25



TE Part #5406049-1
ASSY PLUG,64POS,SHLD
CHAMP



TE Part #556039-1
PLUG ASSY,50POS,SC/LK,
CHAMP-LK



TE Part #749199-1
20 50SR KIT,75D,UK

Documents

Product Drawings

PLUG ASSY,64POSN,FSLOT,CHAMPLK

English

CAD Files

Customer View Model

ENG_CVM_CVM_556409-1_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_556409-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_556409-1_B.3d_stp.zip

English



Product Specifications

Application Specification

English