



Connectors > Dock Connectors & Guide Hardware > Docking Connectors



Docking Connector Style: **Plug**

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

Number of Positions: **40**

Centerline (Pitch): **.6 mm [.024 in]**

Number of Rows: **3**

Features

Product Type Features

Docking Connector Style	Plug
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	40
Number of Rows	3
Number of Signal Positions	40
Number of Power Positions	0
PCB Mount Orientation	Vertical

Body Features

Shell Base Material	Copper Alloy
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Contact Features

	8 μin
Contact Mating Area Plating Material	Gold
Contact Base Material	Copper Alloy
Number of Utility Contacts	0
Contact Current Rating (Max)	.5 A, 1 A



Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

PCB Mount Alignment Type	Locating Posts
PCB Mount Alignment	With
PCB Mount Retention Type	Hold-Down Post
PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Thermoplastic
Housing Color	Black
Centerline (Pitch)	.6 mm[.024 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	60
Packaging Method	Box & Tray, Tray

Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
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: JUL 2021 (219) Candidate List Declared Against: JUN 2012 (84) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900



ppm per homogenous material. Also BFR /CFR/PVC Free

Solder Process Capability

Reflow solder capable to 260°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 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 # 2129260-2
REC ASSY 0.6mm CHAMP DOCKING
C

TE Part # 2129261-1
PLUG ASSY 0.6mm CHAMP DOCKING

Also in the Series | CHAMP Docking Connectors

D-Sub Covers(27)

D-Sub Locking & Mounting(31)

Docking Connector Guide Hardware(5)

Docking Connectors(33)



IDC D-Sub Connectors(85)



PCB D-Sub Connectors(1)

Customers Also Bought



TE Part #350766-1
03P UMNL PLUG HSG



TE Part #172336-1
2P MINI UMNL PLUG HOUSING



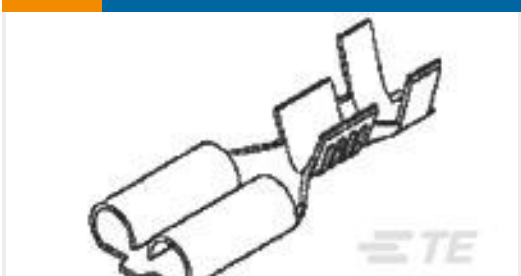
TE Part #172166-1
3 CIR UNIV M-N-L PLUG



TE Part #350654-1
UMNL GRND PIN 20-14 PTPBR



TE Part #170360-1
UNIV M-N-L PIN 22-18 AWG



TE Part #170032-5
250 FASTON,REC.,20-14 AWG,TPBR



TE Part #962943-1
TIMER, RECEPTACLE AND TAB



TE Part #926884-3
UNIV.M-M-L.SOCKET



TE Part #175022-1
250 PL EX REC. 18-14AWG PTBR

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2129283-1_A_c-2129283-1-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2129283-1_A_c-2129283-1-a.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_2129283-1_A_c-2129283-1-a.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English