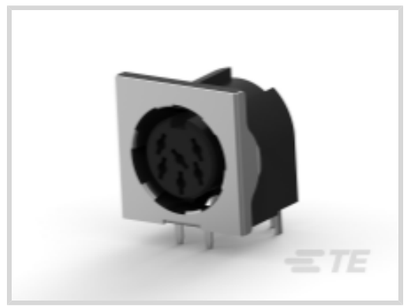
5212045-1 × OBSOLETE

TE Internal #: 5212045-1

TE Internal Description: 6 CIRC DIN RCPT GRND SHLD

View on TE.com >

Connectors > Circular Connectors > DIN Connectors







Circular DIN Connector Type: **Circular DIN**

Connector System: **Wire-to-Board**

Number of Positions: **6**

Connector Contact Load Condition: **Selectively Loaded**

Mating Alignment Type: **Keyed**

Features

Product Type Features

Circular DIN Connector Type	Circular DIN
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Right Angle
Number of Positions	6
Connector Contact Load Condition	Selectively Loaded

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Shield Plating Thickness	2.54 µm[100 µin]
Shield Plating Material	Tin/Nickel
Shield Material	Brass
Shield Underplate Material	Nickel
Primary Product Color	Black
Shield Underplate Thickness	1.27 µm[50 µin]

Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Contact Shape & Form	Tuning Fork
PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Contact Layout	Staggered
Contact Mating Area Plating Material	Tin (Sn)
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	7.5 A

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.56 mm[.14 in]

Mechanical Attachment

Panel Mount Feature	Without
Mating Retention	Without
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Alignment Type	Solder Tail Layout
Mating Alignment Type	Keyed
PCB Mount Retention	With
PCB Mount Retention Type	Kinked Legs
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Nylon
Centerline (Pitch)	2.49 mm[.1 in]

Dimensions

PCB Thickness (Recommended)	2.36 mm
Product Width	15.75 mm[.62 in]
Product Length	21.84 mm[.86 in]
Connector Height	20.83 mm[.82 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Shielded	Yes
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	CSA LR3507, UL E28476

Packaging Features

Packaging Quantity	100
Packaging Method	Tray

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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

Customers Also Bought



TE Part #5-103672-7
08 MTE HDR SRRA LATCH W/HLDWN



TE Part #350760-4
03P UMNL HDR ASSY PC



TE Part #644752-8
08P MTA156 HDR ASSY SQ STR F/L



TE Part #2-1761603-9
IDC LOW PRO HDR 26P VERT BLUE



TE Part #6-1879021-1
SMW3 33R 5%



TE Part #1-2176092-8
RP 2A 0.25W 1K0 0.1% 25PPM 1K RL



TE Part #5103308-8
A/L LOW PRO HDR 40P VERT BLACK



TE Part #5227699-3
BNC PCB VERTICAL



TE Part #5535043-5
ASSY,RECEPTACLE,EUROCARD,TYPE



TE Part #5788336-1
STD USB TYPE B, VERTICAL, T/H

Documents

Product Drawings

6 CIRC DIN RCPT GRND SHLD

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5212045-1_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5212045-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5212045-1_O.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English