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5749267-1

Mini DIN, 8 pos, R/A, Shield



TE Internal #: **5749267-1**
TE Internal Description: **Mini DIN, 8 pos, R/A, Shield**

Circular DIN Connector Type : **Mini DIN**
Connector & Housing Type : **Receptacle**
Connector System : **Wire-to-Board**
Number of Positions : **8**
Connector Contact Load Condition : **Fully Loaded**

[Digital Datasheet](#)



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CAD Files

3D PDF
 [ENG_CVM_5749267-1_O.pdf](#)
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Customer View Model
 [ENG_CVM_5749267-1_O.3d_igs.zip](#)
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 [ENG_CVM_5749267-1_O.2d_dxf.zip](#)
English

Product Specifications

Application Specification
 [ENG_SS_114-40031_E.pdf](#)
English
Product Specification
 [ENG_SS_108-1225_F.pdf](#)
English



	Qualification Test Report  ENG_SS_501-97_E.pdf English
Product Environmental Compliance	MD_5749267-1_022720171151_dmtec  ENG_PC_MD_5749267-1_D(950319).xlsx English MD_5749267-1_022720171151_dmtec  ENG_PC_MD_5749267-1_D(701322).xml English
Please review product documents or contact us for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.	
Product Type Features	Circular DIN Connector Type : Mini DIN Connector & Housing Type : Receptacle Connector System : Wire-to-Board Sealable : No Connector & Contact Terminates To : Printed Circuit Board Product Type : Connector ESD Protection : Without Shielded : Yes Shape : Circular Connector Type : Header
Configuration Features	Number of Positions : 8 Connector Contact Load Condition : Fully Loaded PCB Mount Orientation : Right Angle Stacked : No
Electrical Characteristics	Operating Voltage (VAC): 30
Body Features	Shield Material : Copper Alloy Shield Plating Finish : Bright Front Panel Screw-Down : Without Panel Ground Feature Type : None Panel Grounding : Without Outer Shield Material : Brass Shield Plating Material : Tin

Contact Features	Contact Base Material : Copper Alloy PCB Contact Termination Area Plating Material : Tin Contact Underplating Material : Nickel Contact Underplating Material Thickness : 1.27 µm [50 µin] Contact Current Rating (Max) (A): .5 Contact Termination Area Plating Thickness (µm): 3.05, 4.02 Contact Termination Area Plating Thickness (µin): 120, 170 Contact Mating Area Plating Material : Gold Contact Mating Area Plating Thickness : .76 µm [30 µin] Contact Transmits (Typical) : Signal (Data) Contact Type : Socket Contact Layout : Staggered Contact Termination Area Plating Material : Tin Contact Design : Tuning Fork PCB Termination Area Plating Finish : Matte
Termination Features	Termination Method to Printed Circuit Board : Through Hole - Solder Grounding Clips : Without
Mechanical Attachment	Panel Mount Feature Type : Screw Nut Panel Mount Feature : With PCB Mount Alignment : With Mating Alignment : With Mating Alignment Type : Polarization PCB Mount Retention : Without PCB Mount Retention Type : Hold-Down Post Connector Mounting Type : Board Mount PCB Mount Alignment Type : Hold-Down
Housing Features	Centerline (Pitch) : 6.5 mm [.26 in] Housing Material : Thermoplastic Housing Color : Black
Dimensions	PCB Thickness (Recommended) : 2.68 mm [.11 in] Height : 12.83 mm [.5 in] Length : 16.51 mm [.65 in] PCB Tail Length : 3.18 mm [.1 in] Tail Length : 3.18 mm [.125 in] Width : 14 mm [.55 in]
Usage Conditions	Operating Temperature Range : -55 – 105 °C [-67 – 221 °F] Temperature Rating : High
Operation/Application	Circuit Application : Signal
Industry Standards	UL Flammability Rating : UL 94V-0 UL Rating : Recognized Agency/Standard : CSA, UL VDE Tested : No
Packaging Features	Packaging Quantity : 37 Packaging Method : Tube

Statement of Compliance	Statement of Compliance pdf