



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