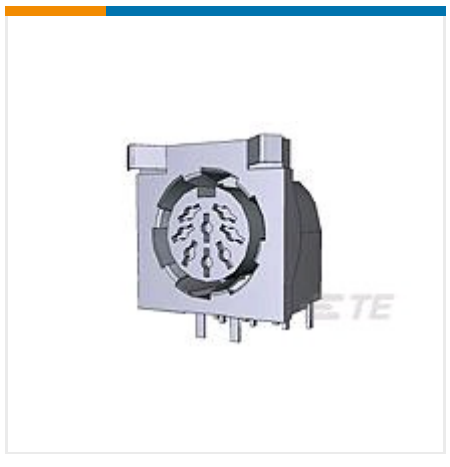
TE Connectivity: Every Connection Counts
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CONNECTORS

CIRCULAR DIN CONNECTORS



✔ Active

TE CONNECTIVITY (TE)

8 CIRC DIN RCPT W/GRND FINGERS

Circular Din | Circular DIN

5787013-1
TE Internal Number: 5787013-1

EU RoHS Compliant
EU ELV Compliant

Connector Style Receptacle

Connector System Wire-to-Board

Number of Positions 8

Selectively Loaded Yes

Mating Alignment With

PRODUCT DRAWING
English

3D PDF

DOCUMENTATION

Product Drawings

RECEPTACLE ASSEMBLY, 8 POSN, RIGHT ANGLE, W/ FRONT PANEL GROUNDING FINGERS, CIRCULAR DIN

PDF **(TIFF AVAILABLE)**

English

CAD Files

3D PDF

PDF

English

Customer View Model

2D_DXF.ZIP

English

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Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Product Specifications

Application Specification

Circular DIN Standard And Shielded Connectors And Contacts

PDF

English

Product Specification

Circular DIN Connector

PDF

English

Qualification Test Report

AMP Circular Din Connector

TIF

English

AMP Circular Din Connector

PDF

English

Product Environmental Compliance

TE Material Declaration

MD_5787013-1_0429201495_dmtec

PDF

English

Agency Approvals

Agency Approval Document

CIRCULAR DIN REPORT

PDF

English

CSA Certificate

CIRCULAR DIN SERIES CONNECTOR REPORT

PDF

English

FEATURES

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

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Connector Style Receptacle
Connector System Wire-to-Board
PCB Mounting Orientation Right Angle
Sealable No
Connector & Contact Terminates To Printed Circuit Board
Product Type Connector
Wire/Cable Type Discrete Wire
ESD Protection Without
Strain Relief With
Shielded Yes
Shape Circular
Connector Type Header
Insulated No

Configuration Features

Stacked No
Number of Positions 8
Selectively Loaded Yes
Tail Orientation Staggered

Electrical Characteristics

Hot Pluggable No
Operating Voltage (VAC) 250

Body Features

Shield Underplate Thickness 1.27 µm [50 µin]
Shield Material Brass
Shield Underplate Material Nickel
Shield Plating Thickness (µin) 100, 2.54
Shield Plating Material Nickel

Contact Features

Reverse Gender No
Contact Current Rating (Max) (A) 7.5
Contact Termination Area Plating Thickness 2.54 µm [100 µin]
Contact Mating Area Plating Material Tin
Contact Mating Area Plating Thickness 2.54 µm [100 µin]
Contact Transmits (Typical) Power, Signal (Data), Signal (Data)/Power
Contact Type Socket
Contact Base Material Brass
Contact Termination Area Plating Material Tin
Contact Design Tuning Fork

Mechanical Attachment

Panel Mount Retention Without
PCB Mount Alignment With
PCB Mount Alignment Type Solder Tail Layout
Mating Alignment With
Mating Alignment Type Keyed
PCB Mount Retention With
PCB Mount Retention Type Kinked Legs
PCB Mounting Style Through Hole - Solder
Mating Retention Without

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Housing Features

Housing Material Nylon
Housing Color Black

Dimensions

PCB Thickness (Recommended) (mm) 2.36
Height 20.83 mm [.82 in]
Length 15.75 mm [.62 in]
Tail Length 3.56 mm [.14 in]
Width 21.84 mm [.86 in]

Usage Conditions

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

Industry Standards

UL Flammability Rating UL 94V-0
UL File Number E28476
UL Rating Recognized
Agency/Standard CSA, UL
VDE Tested No
CSA File Number LR 3507

Packaging Features

Packaging Quantity 180
Packaging Method Carton

Other

Comment For applications requiring a 3-position connector, use a 5-position connector (contact positions 4 and 5 not used).

PRODUCT COMPLIANCE

Statement of Compliance

Statement of Compliance

PDF

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