



CONNECTORS

BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

M/S 100,RA,RC,125,30AU

MICRO-STRIP CONNECTORS | RC

5536297-4

TE Internal Number: 5536297-4

EU RoHS Compliant

EU ELV Compliant

Connector Style Receptacle

Number of Positions 100

Centerline (Pitch) 1.27 mm [.049 in]

Packaging Method Tube

Contact Mating Area Plating Material Gold

[↓ PRODUCT DRAWING](#)
English

[↓ 3D PDF](#)

DOCUMENTATION

Product Drawings

RECEPTACLE ASSEMBLY, RIGHT ANGLE, 3.18[.125] TAIL, BOARD TO BOARD, MICRO-STRIP

PDF

English

CAD Files

Customer View Model

2D_DXF.ZIP

English

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

3D PDF

PDF

English

Product Specifications

Application Specification

Micro-Strip Board-To-Board Plug And Receptacle Connectors

PDF

English

Product Specification

Micro-Strip Board To Board Connector

PDF

English

Qualification Test Report

Connector, Micro-Strip, Board To Board

PDF

English

Connector, Micro-Strip, Board To Board

TIF

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

Connector Style Receptacle

Row-to-Row Spacing 2.54 mm [.099822 in]

PCB Mounting Orientation Right Angle

Boss Without

Product Type Connector

Configuration Features

Stackable No

Number of Positions 100

Number of Rows 2

Preloaded Yes

Body Features

Busbar Mating Area Plating Thickness 30

Busbar Termination Area Plating Material Tin with Nickel Underplated

Busbar Material Phosphor Bronze

Busbar Termination Area Plating Material Finish Matte

Busbar Mating Area Plating Material Gold

Contact Features

Solder Tail Contact Plating Material Tin
Solder Tail Contact Plating Material Finish Matte
Contact Mating Area Plating Material Gold
Contact Mating Area Plating Thickness .76 µm [29.9212 µin]
Contact Current Rating (Max) (A) 10.5
Solder Tail Contact Plating Thickness 2.54 – 7.62 µm [99.9998 – 299.9994 µin]
Signal Contact Mating Area Plating Thickness 30
Signal Contact Termination Area Plating Material Finish Tin: Matte
Signal Contact Termination Area Plating Material Tin with Nickel Underplated
Contact Base Material Phosphor Bronze
Signal Contact Material Phosphor Bronze
Contact Type Socket
Signal Contact Mating Area Plating Material Gold

Termination Features

Termination Method to PC Board Through Hole - Solder

Mechanical Attachment

Mating Alignment Type Polarizing Rib
PCB Mount Retention Without

Housing Features

Centerline (Pitch) 1.27 mm [.049 in]
Housing Entry Style Top
Housing Material High Temperature Thermoplastic
Housing Color Natural

Dimensions

Height 8 mm [.3144 in]
Tail Length 3.18 mm [.125 in]

Usage Conditions

Operating Temperature Range -65 – 125 °C [-85 – 257 °F]
Flame Retardant Yes

Operation/Application

Pick and Place Cover Without
For Use With Plug

Packaging Features

Packaging Method Tube
Packaging Quantity 7

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
