



+ CONNECTORS

BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)
120,VT,RC,BD,BD,30AU,180ST
MICRO-STRIP CONNECTORS | RC

5536255-5
TE Internal Number: 5536255-5

- EU RoHS Compliant
- EU ELV Compliant
- Connector Style Receptacle
- Number of Positions 120
- Centerline (Pitch) 1.27 mm [.049 in]
- Stack Height (mm) 10.92, 18.75
- Stack Height (in) .738
- Packaging Method Tube

↓ PRODUCT DRAWING
English

↓ 3D PDF

DOCUMENTATION

Product Drawings

RECEPTACLE ASSEMBLY, VERTICAL, 4.57[.180] TAIL, BOARD TO BOARD, MICROSTRIP
PDF (TIFF AVAILABLE)
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 Vertical
- Profile Low
- Boss Without
- Product Type Connector

Configuration Features

- Stackable No
- Number of Positions 120
- 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

Stack Height (mm) 10.92, 18.75
Stack Height (in) .738
Height 8.11 mm [.318723 in]
Tail Length 4.5 mm [.177 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