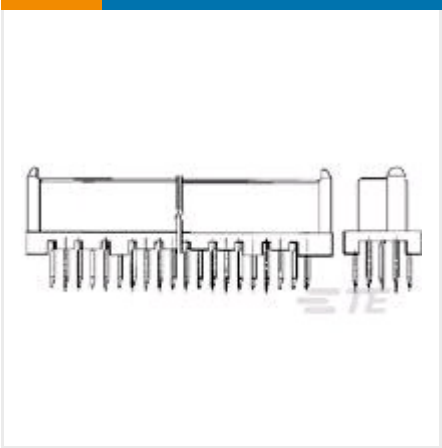




+ CONNECTORS

BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)  
140,VT,RC,BD,BD,30AU,125ST  
MICRO-STRIP CONNECTORS | RC

5536254-6  
TE Internal Number: 5536254-6

EU RoHS Compliant  
EU ELV Compliant  
Connector Style Receptacle

Number of Positions 140  
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, .125 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 [ .1 in ]

PCB Mounting Orientation Vertical

Profile Low

Boss Without

Product Type Connector

Configuration Features

Stackable No

Number of Positions 140

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** 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** 6

PRODUCT COMPLIANCE



Statement of Compliance

**Statement of Compliance**

PDF