6-102084-4 ✔ ACTIVE

AMPMODU | Modu Connector System

TE Internal #: 6-102084-4

PCB Mount Receptacle, Right Angle, Board-to-Board, 4 Position, 2.54 mm [.1 in] Centerline, Tin-Lead, Through Hole - Solder, Modu Connector System

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles

PCB Connector Assembly Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Right Angle**

Connector System: **Board-to-Board**

Number of Positions: **4**

Number of Rows: **2**

Features

Product Type Features

Applied Pressure	High, Standard
PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Stackable	Yes
PCB Mount Orientation	Right Angle
Number of Positions	4
Number of Rows	2

Electrical Characteristics

Insulation Resistance	5000 MΩ
Operating Voltage	333 VAC

Body Features

Connector Profile	Standard
Primary Product Color	Black

Contact Features

Mating Square Post Dimension	.64 mm[.025 in]

	100 – 200 µin
Contact Shape & Form	Short Point
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Mating Area Plating Material	Tin-Lead
Contact Mating Area Plating Material Thickness	2.54 – 5.08 µm[100 – 200 µin]
Contact Type	Socket
Contact Current Rating (Max)	2 A

Termination Features

Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
Rectangular Termination Post & Tail Width	.69 mm[.027 in]
Termination Post & Tail Length	2.92 mm[.115 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Mating Alignment	Without
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Polyester - GF

Dimensions

Connector Height	6.05 mm[.238 in]
Row-to-Row Spacing	2.54 mm, 7.87 mm[.31 in]
Stack Height	8.13 mm[.32 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]

Usage Conditions

Housing Temperature Rating	High
Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

Operation/Application

Solder Process Feature	Board Standoff
Circuit Application	Signal

Industry Standards

Approved Standards	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

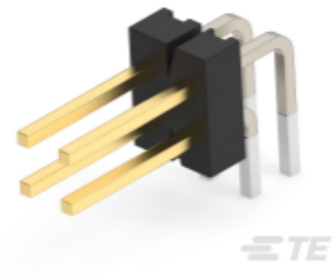
Packaging Quantity	110
Packaging Type	Box, Tube

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Reflow solder capable to 260°C

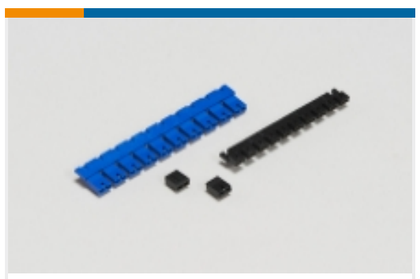
Compatible Parts



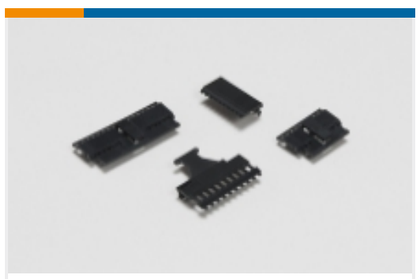
TE Part # 5-146309-2
04 MODII HDR DRRA B/A .100CL

Also in the Series | Modu Connector System

Automotive Housings(2)

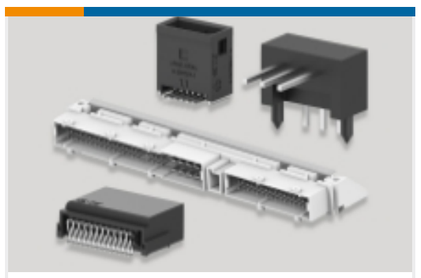


Board-to-Board Jumpers & Shunts(5)

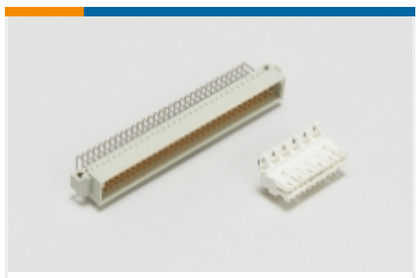


PCB Connector Covers(4)

PCB Connector Keying(4)



PCB Headers & Receptacles(1243)



Standard Edge Connectors(2)

Documents

Product Drawings

04 MODII HORZ DR CE EESS 100CL

English

CAD Files

Customer View Model

ENG_CVM_6-102084-4_Y.3d_igs.zip

English

Customer View Model

ENG_CVM_6-102084-4_Y.3d_stp.zip

English

Customer View Model

ENG_CVM_6-102084-4_Y.2d_dxf.zip

English

3D PDF

English

Product Specifications

Application Specification

English