534974-8 ✔ ACTIVE

AMPMODU | Modu Connector System

TE Internal #: 534974-8

PCB Mount Receptacle, Right Angle, Board-to-Board, 150 Position, 2.54 mm [.1 in] Centerline, Gold, Through Hole - Solder, Modu Connector System

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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: **150**

Number of Rows: **3**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Stackable	Yes
PCB Mount Orientation	Right Angle
Number of Positions	150
Number of Rows	3
Board-to-Board Configuration	Co-Planar

Electrical Characteristics

Termination Resistance	12 mΩ
Dielectric Withstanding Voltage (Max)	750 VAC
Insulation Resistance	5000 MΩ
Operating Voltage	250 VAC

Body Features

Connector Profile	Low
Primary Product Color	Brown

Contact Features

Contact Layout	Inline
Mating Square Post Dimension	.64 mm[.025 in]
	50 µin
PCB Contact Termination Area Plating Material Finish	Matte
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.762 µm[30 µin]
Contact Type	Socket
Contact Current Rating (Max)	3 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, 3.68 mm[.115 in][.145 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Mating Retention	Without
PCB Mount Retention Type	Guide Pin
Mating Alignment	With
Mating Alignment Type	Guide Pin Slots
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Thermoplastic

Dimensions

Row-to-Row Spacing	2.54 mm[.1 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 Type	Tube

Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2020 (205) SVHC > Threshold: Pb (13% in COMPONENT PART) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Wave solder capable to 240°C

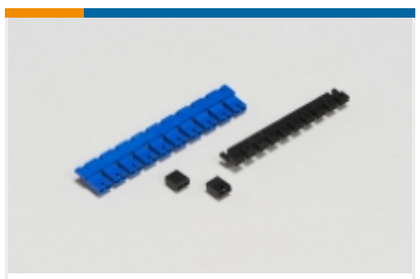
Compatible Parts

TE Part # 103264-3
150 MODII 2PC HDR 3R SHRD

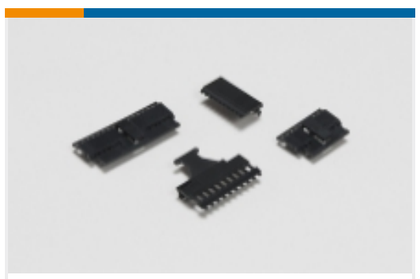
TE Part # 5-534974-3
72 MODII HORZ 2PC 3R CE 100CL, RoHS

Also in the Series | Modu Connector System

Automotive Housings(2)

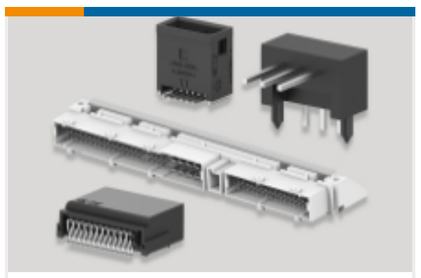


Board-to-Board Jumpers & Shunts(5)

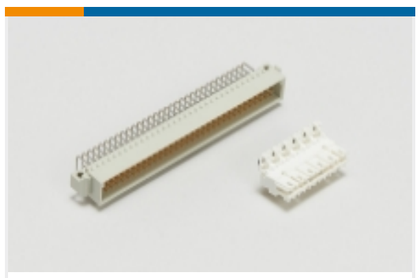


PCB Connector Covers(4)

PCB Connector Keying(4)



PCB Headers & Receptacles(1243)



Standard Edge Connectors(2)

Documents

Product Drawings

150 MODII HORZ 2PC 3R CE 100CL

English

CAD Files

Customer View Model

ENG_CVM_534974-8_N1.3d_igs.zip

English

Customer View Model

ENG_CVM_534974-8_N1.3d_stp.zip

English

Customer View Model

ENG_CVM_534974-8_N1.2d_dxf.zip

English

3D PDF

English

Datasheets & Catalog Pages

AMPMODU Interconnetion System

AMPMODU Interconnetion System

English