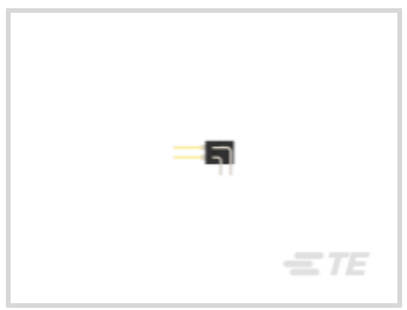
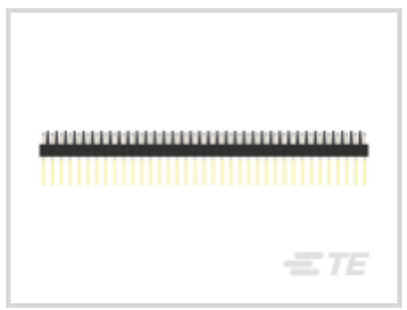
4-86479-1 ✔ ACTIVE

TE Internal #: 4-86479-1

PCB Mount Header, Right Angle, Board-to-Board, 74 Position, 2.54 mm [.1 in] Centerline, Unshrouded, Gold, Through Hole - Solder, Signal, Black

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles

PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **74**

Number of Rows: **2**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Unshrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle
Number of Positions	74
Number of Rows	2
Board-to-Board Configuration	Perpendicular

Electrical Characteristics

Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	750 Vrms

Body Features

Primary Product Color	Black

Contact Features

	30 µin
Contact Shape & Form	Square
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold Flash
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Termination Post & Tail Length	2.79 mm[.11 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	Thermoplastic

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
PCB Thickness (Recommended)	1.4 mm[.055 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

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

Packaging Features

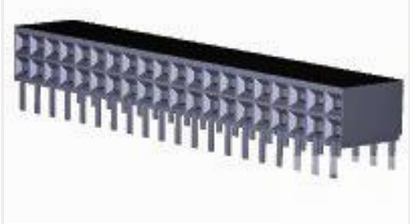
Packaging Quantity	15
Packaging Type	Box

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 240°C

Compatible Parts



TE Part # 2-535512-5
40 MODII HORZ DR CE EESS .100

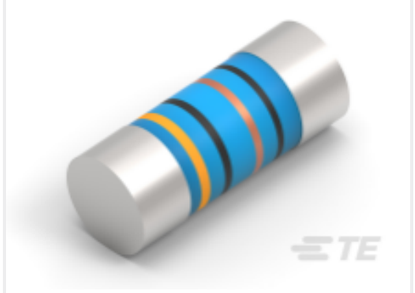
TE Part # 3-5147722-6
74 MODII HORZ DR SFMNT 30AU

TE Part # 3-535512-6
74 MODII HORZ DR CE EESS .100

TE Part # 3-5535512-6
74 MODII HORZ DR CE EESS .100

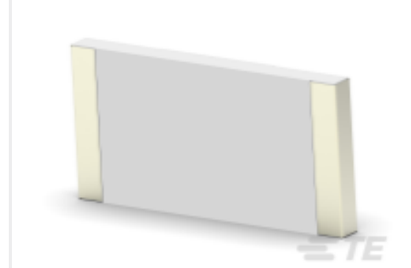
Customers Also Bought

TE Part #4-2176391-7
RQ 1206 37K4 0.1% 10PPM 5K RL

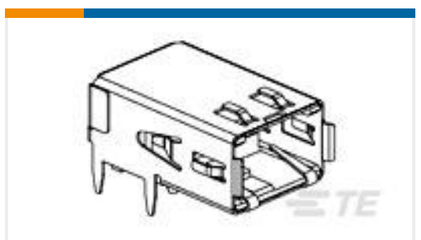


TE Part #2176314-4
MELF SMA_A 180R 0.1% 15PPM 0102 0.3W

TE Part #1-928836-2
MOD2 PIN WITH A-PIN L/P

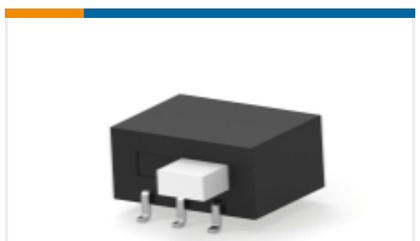


TE Part #7-2176246-6
CRGS2512 5% 1M8



TE Part #1761072-3
RECPT,HSSDC2,FIBRE,TRAY PKG

TE Part #3-1415020-1
PT570N20



TE Part #1-1437581-1
ASE22RL=AUTOSLIDE DP

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_4-86479-1_V.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_4-86479-1_V.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_4-86479-1_V.3d_stp.zip

English

Customer View Model
ENG_CVM_4-86479-1_S.3d_igs.zip

English

Customer View Model
ENG_CVM_4-86479-1_S.3d_stp.zip

English

Customer View Model

ENG_CVM_4-86479-1_S.2d_dxf.zip

English

3D PDF

English

Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION5

English