827795-7 ✔ ACTIVE

AMPMODU | AMPMODU Headers

TE Internal #: 827795-7

PCB Mount Header, Right Angle, Board-to-Board, 7 Position, 2.54 mm [.1 in] Centerline, Breakaway, Tin, Through Hole - Solder, Signal, AMPMODU Headers

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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **7**

Number of Rows: **1**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Breakaway
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	7
Number of Rows	1
Board-to-Board Configuration	Perpendicular

Electrical Characteristics

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

Body Features

Primary Product Color	Green

Contact Features

Mating Square Post Dimension	.63 mm[.025 in]

PCB Contact Termination Area Plating Material Thickness	2 µm
Contact Shape & Form	Square
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	3 µm[118.11 µin]
Contact Type	Pin
Contact Current Rating (Max)	5 A

Termination Features

Square Termination Post & Tail Dimension	.63 mm[.025 in]
Termination Post & Tail Length	3.2 mm[.126 in]
Termination Method to PCB	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	PBT

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]

Usage Conditions

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

Operation/Application

Solder Process Feature	Board Standoff
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	400
Packaging Method	Carton

Other

Position Locations Omitted	0

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts



TE Part # 827795-5
5P MOD2 STIFT LEI

Also in the Series | AMPMODU Headers



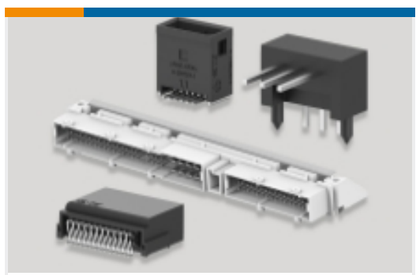
Connector Caps & Covers(1)



Connector Contacts(64)



Connector Hardware(2)



PCB Headers & Receptacles(3202)



Wire-to-Board Connector Assemblies & Housings(5)

Customers Also Bought



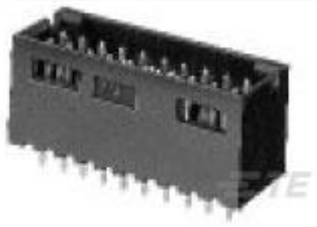
TE Part #1-338313-2
9POS.HD-20 REC.ASSY



TE Part #1-338068-2
MICRO-MATCH FTE,12P



TE Part #1241150-3
3P MOD II BREAK AWAY HDR,SMD, BLISTER



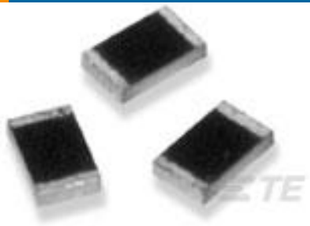
TE Part #5-102618-2
08 MODII HDR DRST SHRD .100CL



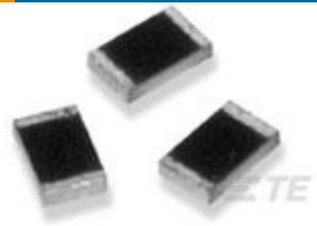
TE Part #1625854-4
1206 PROBE PAD



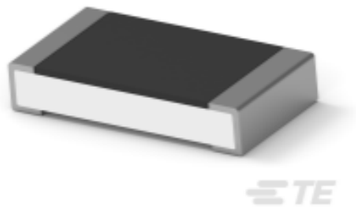
TE Part #1-1337582-0
MCX SMT Skt 50Ohm Gold Pltd



TE Part #2-1625868-1
RP 2A 0.25W 2K0 0.1% 25PPM 1K RL



TE Part #1625868-8
RP 2A 0.25W 24K3 0.1% 25PPM 1K RL



TE Part #2-2176389-7
RQ 1206 200R 0.1% 10PPM 5K RL

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_827795-7_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_827795-7_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_827795-7_E.3d_stp.zip

English

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Datasheets & Catalog Pages

AMPMODU Interconnetion System

AMPMODU Interconnetion System

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

2005330-1 650075-000 MPT100C18RF 1743455-2 2380312-2 RH73H2A40MKTN 2-292161-3 3430B2F51RTDF 3631B101LL 917696-1 1-794222-0 141991-2 2310537-1 2377783-2 2834055-1 936348-1 TE50BR39J U5254-000005-030PA 1393431-1 CRGCQ2010J3K3 1903112-2 3-1393225-0 ROX05SJ18R 175977-2 CPF0402B37K4E1 SBCHE64R7K SMW73R0JT 1969656-1 SBCHE154R7K 1-962915-1