280611-2 ✔ ACTIVE

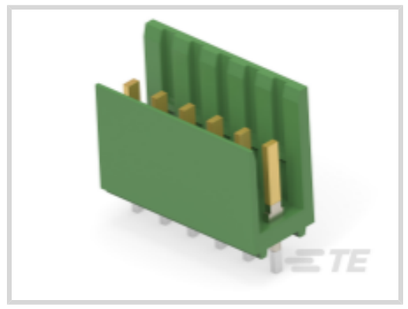
AMPMODU | AMPMODU MOD 1

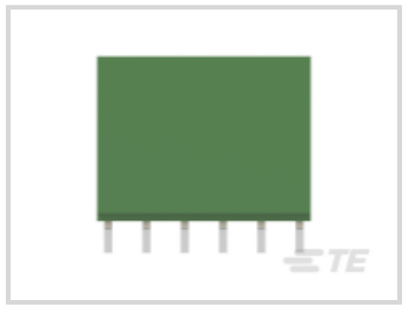
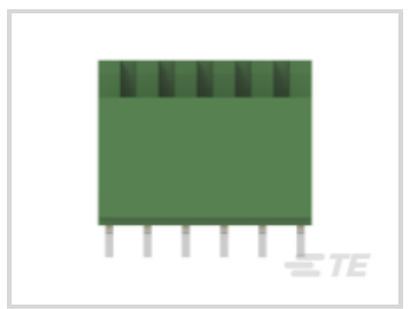
TE Internal #: 280611-2

PCB Mount Header, Vertical, Board-to-Board, 6 Position, 3.96 mm [.156 in] Centerline, Partially Shrouded, Gold, Through Hole - Solder, AMPMODU MOD 1

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

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

PCB Mount Orientation: **Vertical**

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

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Partially Shrouded
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Connector Contact Load Condition	Fully Loaded
Board-to-Board Configuration	Parallel
PCB Mount Orientation	Vertical
Number of Positions	6
Number of Rows	1

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	750 VACrms

Body Features

Connector Profile	Standard
Primary Product Color	Green

Contact Features

Contact Mating Area Plating Material Thickness	.38 µm[15 µin]
Mating Tab Width	1.6 mm[.063 in]
Contact Mating Area Length	10 mm[.393 in]
Contact Base Material	Brass
Mating Tab Thickness	.79 mm[.031 in]
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Rectangular Termination Post & Tail Width	.9 mm[.035 in]
Rectangular Termination Post & Tail Thickness	.8 mm[.031 in]
Termination Post & Tail Length	3.3 mm
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Housing Material	Polycarbonate GF
Centerline (Pitch)	3.96 mm[.156 in]

Usage Conditions

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

Industry Standards

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

Packaging Features

Packaging Quantity	500
Packaging Method	Carton

Product Compliance

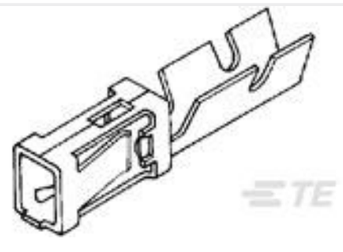
For compliance documentation, visit the product page on TE.com>

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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

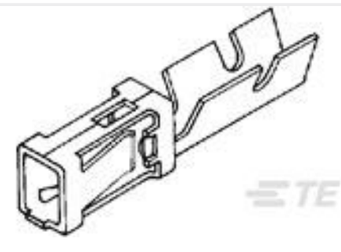
Compatible Parts

TE Part # 280592
AMPMODU I RECEPTACLE HOUSING.

TE Part # 182198-1
MOD 1 CONTACT

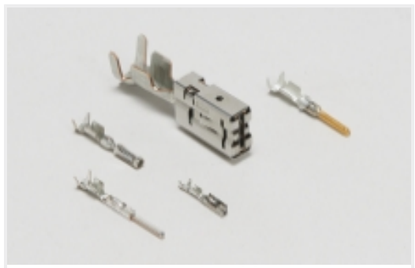


TE Part # 181299-2
MOD 1 CONTACT REC

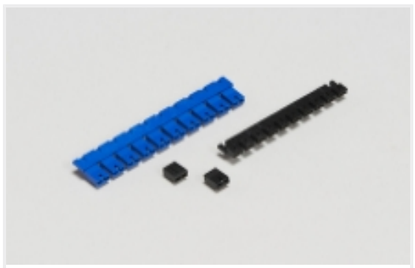


TE Part # 181299-1
MOD I CRIMP CONTACT

Also in the Series | AMPMODU MOD 1

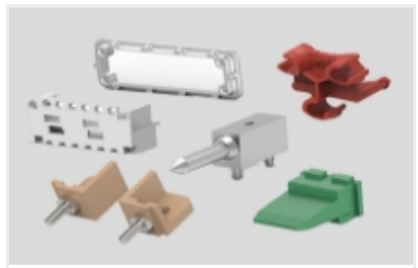


Automotive Terminals(4)

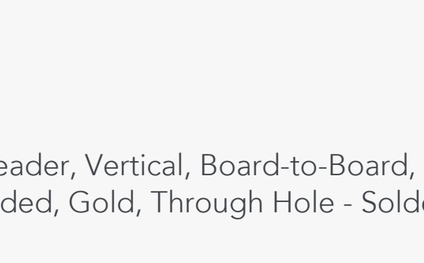


Board-to-Board Jumpers & Shunts(5)

Connector Contacts(75)

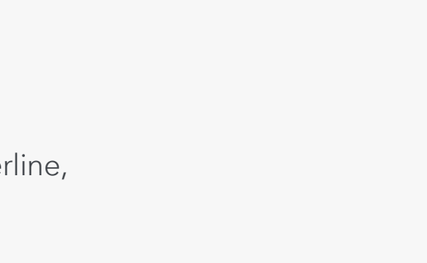


Connector Hardware(2)



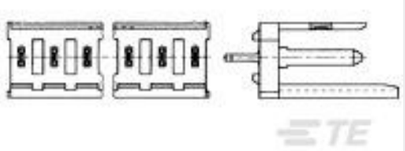
Insertion & Extraction Tools(1)

PCB Headers & Receptacles(105)



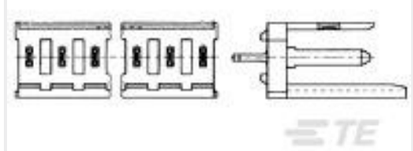
Wire-to-Board Connector Assemblies & Housings(16)

Customers Also Bought



TE Part #280614-2
12P MOD 1 SHROUDED HEADER, ST, 0.4 Au

TE Part #826469-8
2X8P MOD II SHROUDED HEADER, ST

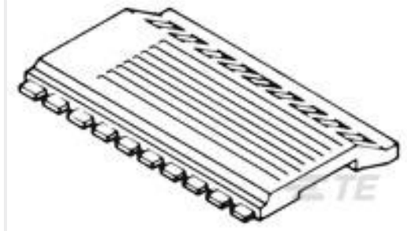


TE Part #280609-2
2P MOD 1 SHROUDED HEADER, ST, 0.4 Au

TE Part #826469-7
2X7P MOD II SHROUDED HEADER, ST

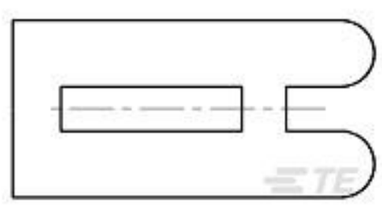
TE Part #ANT-868-JJB-ST
Antenna Mini Straight 868MHz THM

TE Part #CONREVSMA002-L
RP-SMA RA Jack 50 Ohm PCB Through Hole

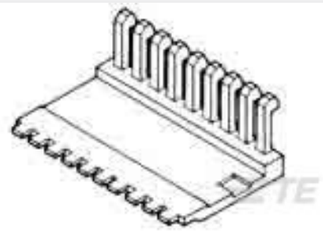


TE Part #1-102541-5
34 AMPMODU MT COVER DR .100CL

TE Part #7574442007
RAYRIM-NR8-0-STK



TE Part #926498-1
KEYING PART



TE Part #1-102536-1
26 AMPMODU MT COVER DR .100CL

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_280611-2_L_c-280611-2-l.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_280611-2_L_c-280611-2-l.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_280611-2_L_c-280611-2-l.3d_stp.zip

English

Agency Approvals

UL Report

English