2P MOD 1 SHROUDED HEADER, ST, 0.4 Au ✔ ACTIVE

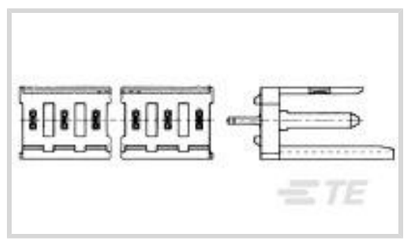
AMPMODU | AMPMODU MOD 1

TE Part # 280609-2

TE Internal #: 280609-2

View on TE.com >

Connectors > PCB Connectors > Multiple Configuration PCB Connectors > Multiple Config PCB Headers & Receptacles



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

PCB Mount Orientation: **Vertical**

Number of Positions: **2**

Centerline (Pitch): **3.96 mm [.156 in]**

Contact Type: **Pin**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector & Contact Terminates To	Printed Circuit Board
Header Type	Shrouded

Configuration Features

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	2
Number of Rows	1

Electrical Characteristics

Dielectric Withstanding Voltage	750 V

Body Features

Connector Profile	Standard
	.01 in

Contact Features

Mating Post Length	10 mm[.393 in]
	15 µin
Contact Mating Area Plating Material	Gold
Contact Shape	Square
PCB Contact Termination Area Plating Material	Tin

Contact Base Material	Brass
Contact Type	Pin

Termination Features

Termination Post & Tail Length	3.3 mm
Termination Method to Printed Circuit Board	Through Hole

Mechanical Attachment

Strain Relief	Without
Mating Alignment Type	Polarization
Mating Alignment	With
Panel Mount Feature	Without
PCB Mount Retention	Without

Housing Features

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

Dimensions

	.045 in

Usage Conditions

Operating Temperature Range	-65 – 105 °C

Industry Standards

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

Packaging Features

Packaging Quantity	1000
Packaging Method	Carton

Product Compliance

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

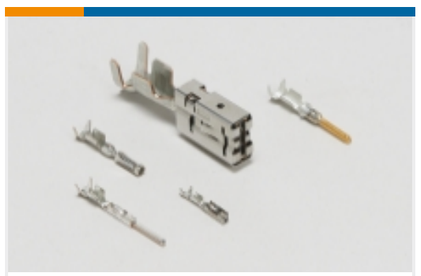
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	

	ECHAによる現在の候補リスト: 2019年1月(197) 候補リストの表記: 2019年1月(197)
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

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

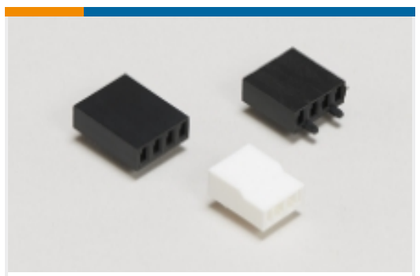
Also in the Series | AMPMODU MOD 1



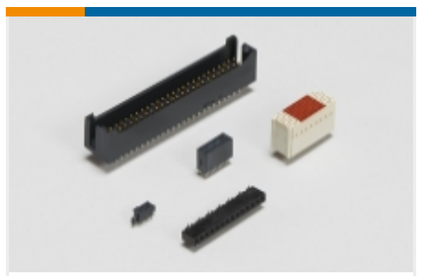
Automotive, Truck, Bus, & Off-Road Terminals(5)



Board-to-Board Connector Contacts(38)



Board-to-Board Connector Housings(37)



Board-to-Board Headers & Receptacles(47)



Multiple Configuration PCB Connector Contacts (33)

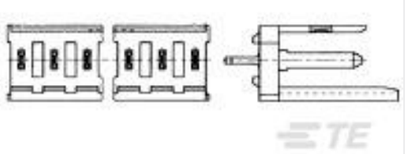


Multiple Configuration PCB Headers & Receptacles(166)



PCB Connector Keying(2)

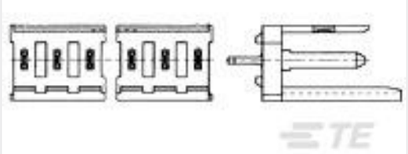
Customers Also Bought



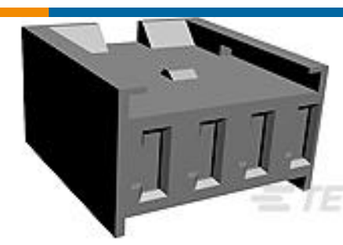
TE Part #280611-2
6P MOD 1 SHROUDED HEADER, ST, 0.4 Au



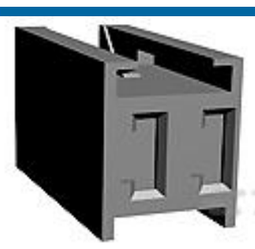
TE Part #7-1393740-0
V42254A2216B209=SUB D FEDERLEI



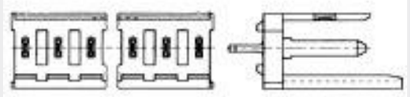
TE Part #280610-2
4P MOD 1 SHROUDED HEADER, ST, 0.4 Au



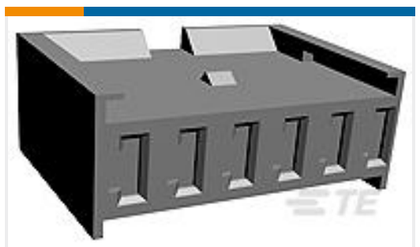
TE Part #280591
AMPMODU MODU I REC HOUSING



TE Part #280590
AMPMODU MOD I REC HOUSING



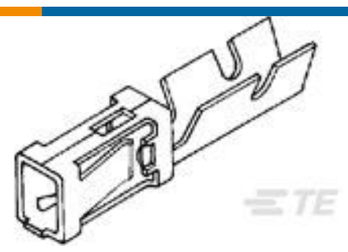
TE Part #280615-2
MOD I INCREMENTAL ASSY



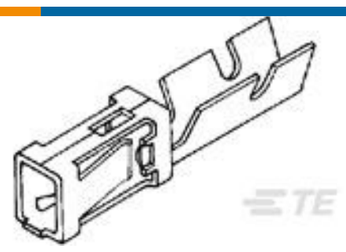
TE Part #280592
AMPMODU I RECEPTACLE HOUSING.



TE Part #7-1393740-1
V42254A2216B215=SUB D FEDERLEI



TE Part #181299-2
MOD 1 CONTACT REC



TE Part #280621-2
MOD I CONT STRIP

Documents

Product Drawings

2P MOD 1 SHROUDED HEADER, ST, 0.4 Au

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_280609-2_P_c-280609-2-p.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_280609-2_P_c-280609-2-p.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_280609-2_P_c-280609-2-p.3d_stp.zip

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

UL Report

English