

87984-8 ✓ ACTIVE

AMPMODU | AMPMODU MOD 1

TE Internal #: 87984-8

PCB Mount Receptacle, Vertical, Board-to-Board, 8 Position, 3.96 mm [.156 in] Centerline, Fully Shrouded, Gold (Au), AMPMODU MOD 1

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **8**

Number of Rows: **1**

## Features

### Product Type Features

Applied Pressure	Standard
PCB Connector Type	PCB Mount Receptacle
Connector System	Board-to-Board
Header Type	Fully Shrouded
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

### Configuration Features

Board-to-Board Configuration	Parallel
Stackable	No
PCB Mount Orientation	Vertical
Number of Positions	8
Number of Rows	1

### Electrical Characteristics

Insulation Resistance	5000 MΩ
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### Body Features

Primary Product Color	Black
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### Contact Features

Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
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Mating Tab Width	1.58 mm[.062 in]
PCB Contact Termination Area Plating Material Thickness	1.27 μm[50 μin]
Contact Layout	Inline
Contact Base Material	Phosphor Bronze
Mating Tab Thickness	.79 mm[.031 in]
PCB Contact Termination Area Plating Material	Gold Flash
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Socket
Contact Current Rating (Max)	5 A

### Termination Features

Rectangular Termination Post & Tail Width	1.02 mm[.04 in]
Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
Termination Post & Tail Length	2.85 mm[.112 in]
Termination Method to PCB	Through Hole - Solder

### Mechanical Attachment

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

### Housing Features

Mating Entry Location	Bottom
Housing Material	PA 66
Centerline (Pitch)	3.96 mm[.156 in]

### Dimensions

PCB Thickness (Recommended)	1.4 – 1.78 mm[.055 – .07 in]
Connector Height	2.85 mm[.112 in]

### Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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### Operation/Application

Assembly Process Feature	None
Circuit Application	Signal

### Industry Standards



Compatible With Approved Standards Products	CSA LR16455, UL E28476
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UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Quantity	15
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Packaging Method	Tube
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
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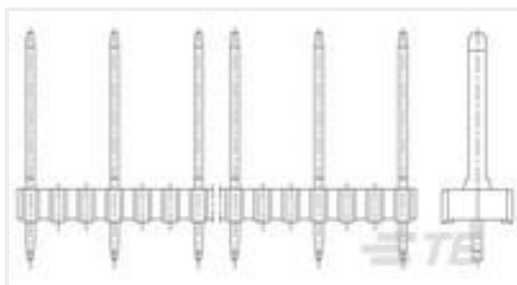
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Wave solder capable to 240°C
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#### Product Compliance Disclaimer

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>

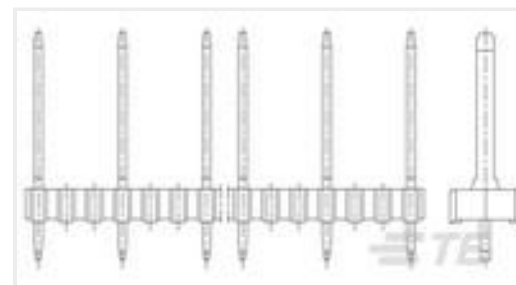
### Compatible Parts



TE Part # 1-827235-2  
12P MOD1 STIFLEIST



TE Part # 85839-8  
08 MOD1 HDR SRST .156CL



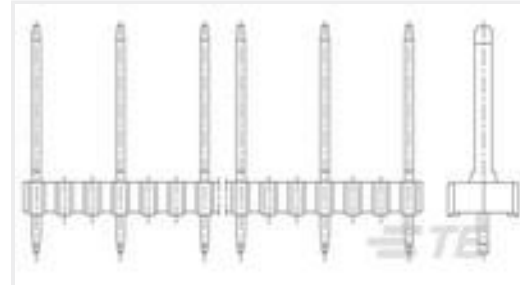
TE Part # 827235-8  
8P MOD1 STIFLEIST



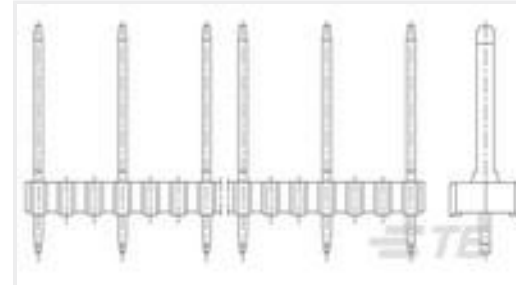
TE Part # 1-87258-0  
10 MOD1 HDR SRRA .156CL



TE Part # 87247-8  
08 MOD1 HDR SRST .156CL



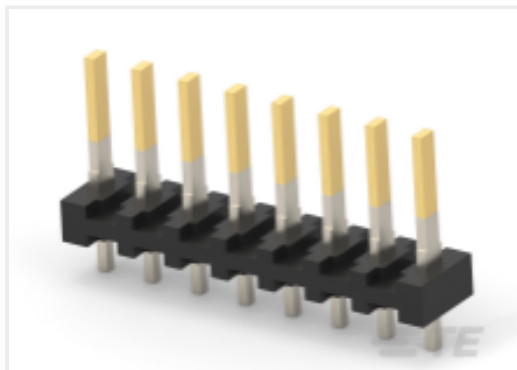
TE Part # 1-827235-1  
11P MOD1 STIFLEIST



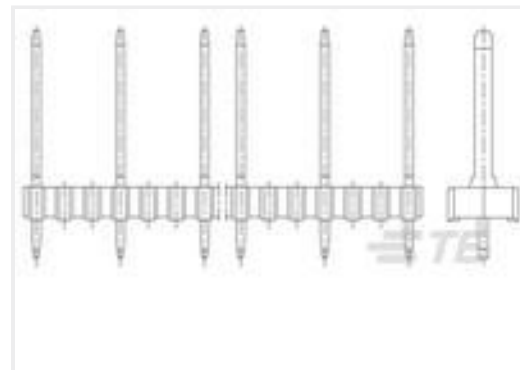
TE Part # 1-827235-5  
15P MOD1 STIFLEIST



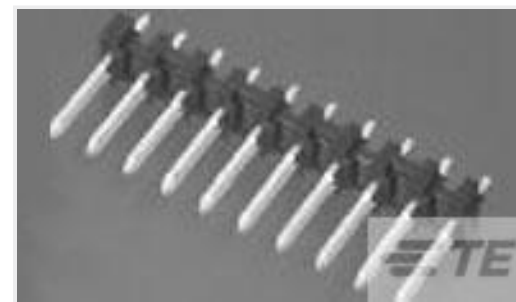
TE Part # 1-87632-2  
12 MOD1 HDR SRRA .156CL



TE Part # 85829-8  
08 MOD1 HDR SRST .156CL

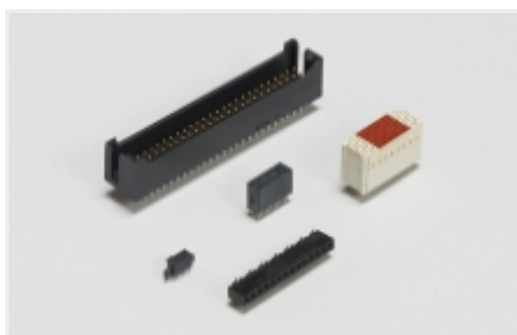


TE Part # 1-827235-4  
14P MOD1 STIFLEIST

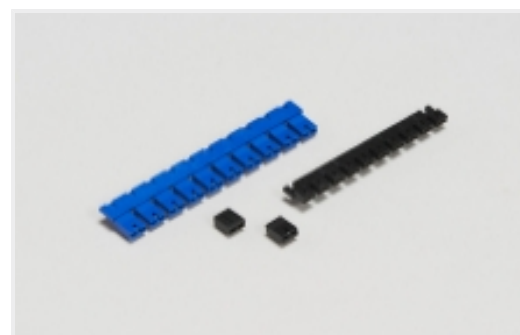


TE Part # 1-827872-5  
15P MOD1 UNSHRD HDR, P 5.08, ST, 0.8 Au

## Also in the Series | AMPMODU MOD 1



Board-to-Board Headers & Receptacles(105)



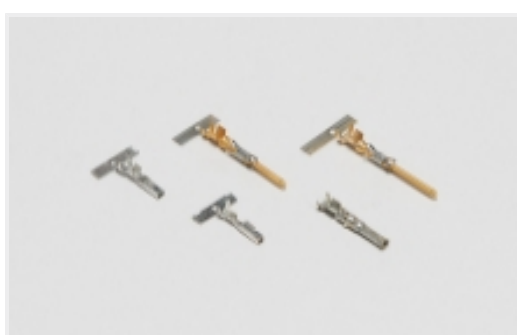
Board-to-Board Jumpers & Shunts(5)



Connector Contacts(75)



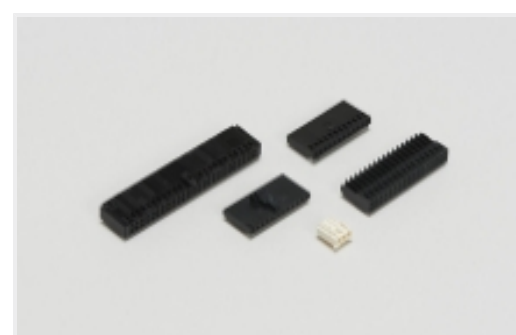
Connector Hardware(2)



Power Contacts(1)

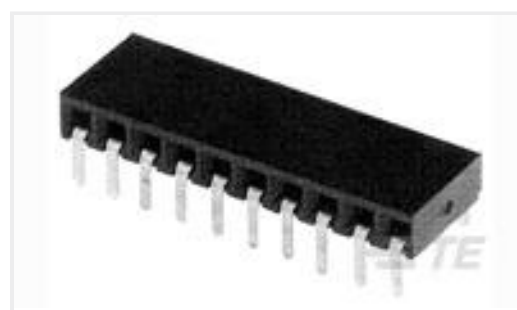


Rectangular Power Connectors(20)



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

## Customers Also Bought



TE Part #1-216602-0  
10P HV190 FEDERLEIS



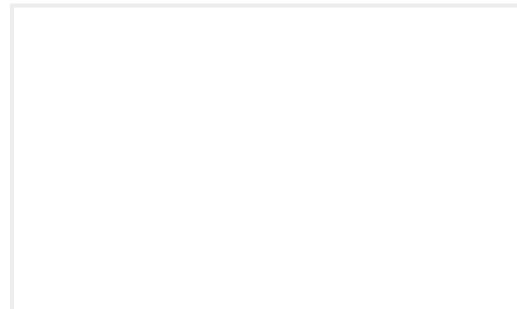
TE Part #5569260-1  
STK MJ ASSY,8POS,2X2,SHLD,CAT5



TE Part #1617118-8  
J1MAC-5XL = M39016/7-025L



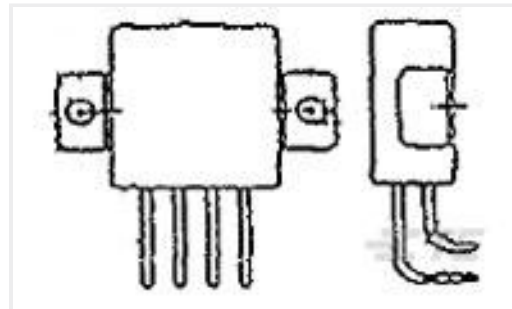
TE Part #350705-1  
UMNL SPLIT PIN 20-14 PTPBR L/P



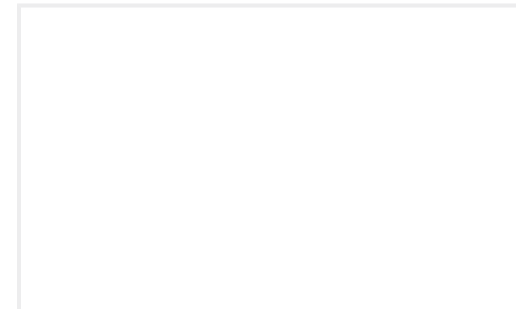
TE Part #RM54-106S  
RECP ASSY



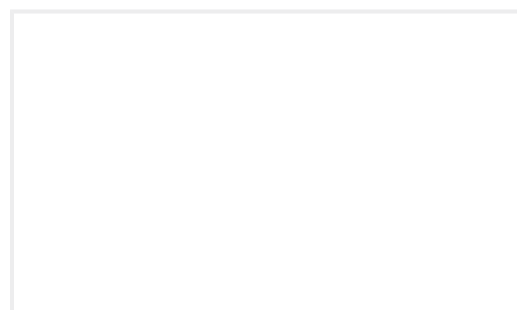
TE Part #5-1437624-9  
PKG40B1/8=KNOB PLASTIC 1/8 LEX



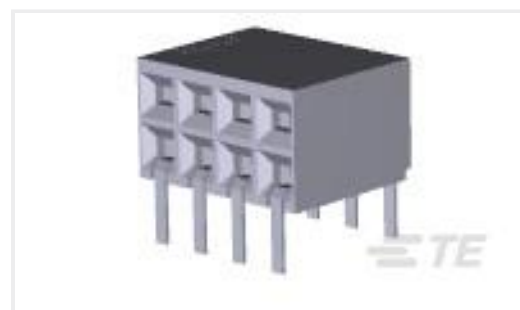
TE Part #5-1617758-3  
FCB-205-0227M=M83536/2-027M



TE Part #1-1617037-8  
HFW5A1201S501 = HFW5A RELAY



TE Part #923825-E  
ERMEZT ADH ABC 9999 1 144 \* \* \*  
ABDECKHA



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

## Documents

### Product Drawings

[08 MODI BDMNT RCPT SR .156CL](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_87984-8\\_N.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_87984-8\\_N.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_87984-8\\_N.3d\\_stp.zip](#)

English

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### Product Specifications

87984-8

PCB Mount Receptacle, Vertical, Board-to-Board, 8 Position, 3.96 mm [.156 in]  
Centerline, Fully Shrouded, Gold (Au), AMPMODU MOD 1



## Product Specification

English