

5-147424-5 ✓ ACTIVE

AMPMODU

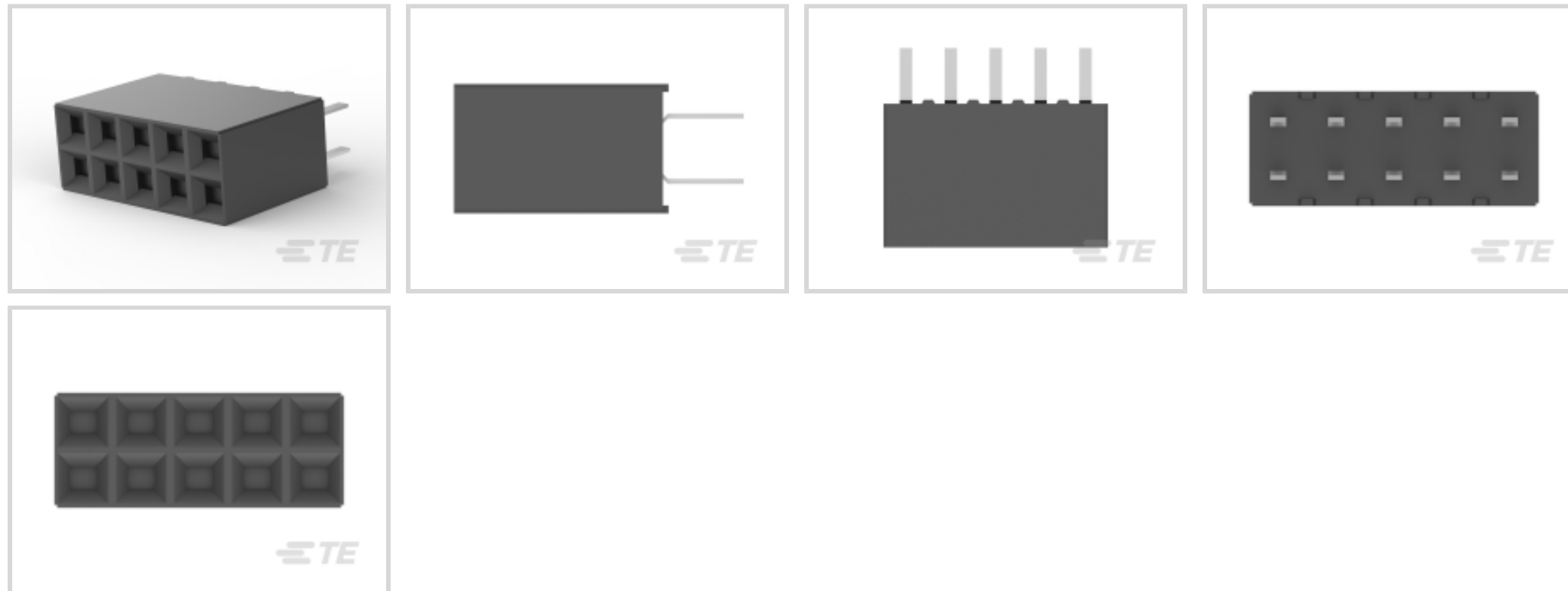
TE Internal #: 5-147424-5

PCB Mount Receptacle, Vertical, Board-to-Board, 10 Position, 2.54 mm [.1 in] Centerline, Gold, Through Hole - Solder, Signal, Black

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **10**

Number of Rows: **2**

Features

Product Type Features

Applied Pressure	Standard
PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Stackable	Yes
PCB Mount Orientation	Vertical
Number of Positions	10
Number of Rows	2
Board-to-Board Configuration	Parallel

Electrical Characteristics

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



Operating Voltage	333 VAC
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Body Features

Connector Profile	Standard
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Primary Product Color	Black
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Contact Features

Contact Protection Type	Closed Entry Housing
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Mating Square Post Dimension	.64 mm[.025 in]
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	150 – 300 µin
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Contact Shape & Form	Short Point
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PCB Contact Termination Area Plating Material	Tin
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Contact Base Material	Phosphor Bronze
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Contact Mating Area Plating Material	Gold
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Contact Mating Area Plating Material Thickness	.25 µm[10 µin]
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Contact Type	Socket
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Contact Current Rating (Max)	2 A
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Termination Features

Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
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Rectangular Termination Post & Tail Width	.69 mm[.027 in]
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Termination Post & Tail Length	2.92 mm[.115 in]
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Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

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

Mating Entry Location	Top
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Centerline (Pitch)	2.54 mm[.1 in]
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Housing Material	Polyester - GF
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Dimensions

Connector Height	8.64 mm[.34 in]
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Row-to-Row Spacing	2.54 mm[.1 in]
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PCB Thickness (Recommended)	1.6 mm[.062 in]
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Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
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Operation/Application

Solder Process Feature	Board Standoff
Circuit Application	Signal

Industry Standards

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

Packaging Features

Packaging Quantity	45
Packaging Type	Box, Tube

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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 240°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 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

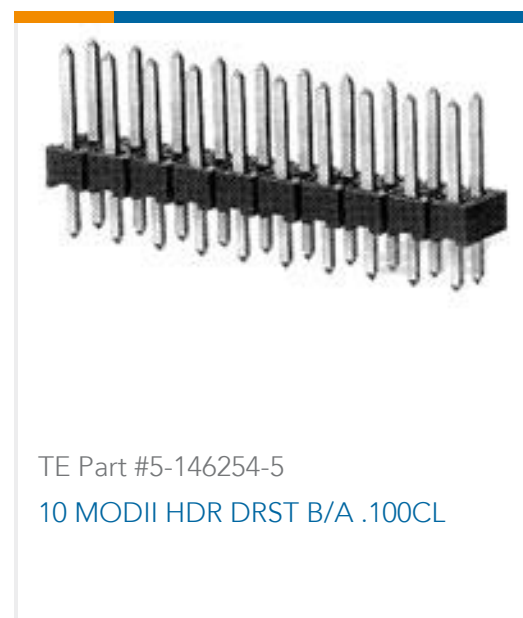


TE Part # 5-146256-5
10 MODII HDR DRST B/A .100CL L

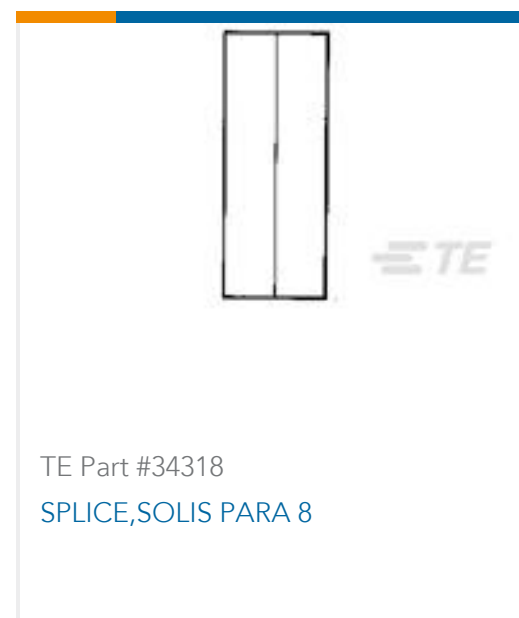
Customers Also Bought



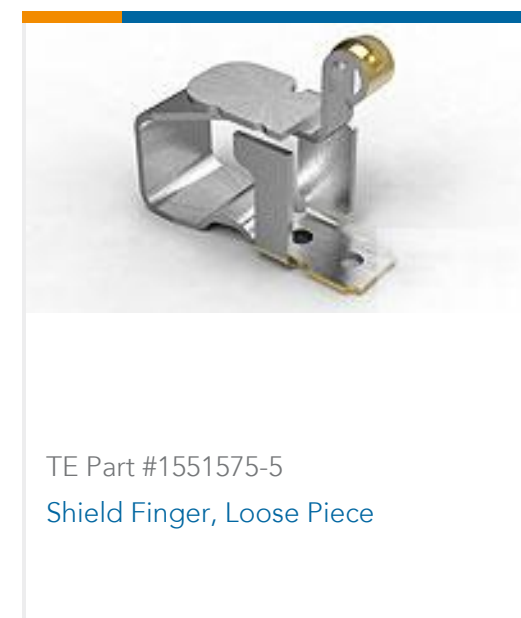
TE Part #1-2176057-5
RLP73M 3A R039 1% 1K RL



TE Part #5-146254-5
10 MODII HDR DRST B/A .100CL



TE Part #34318
SPLICE,SOLIS PARA 8



TE Part #1551575-5
Shield Finger, Loose Piece



TE Part #2176390-5
RQ 1206 1K27 0.1% 10PPM 5K RL



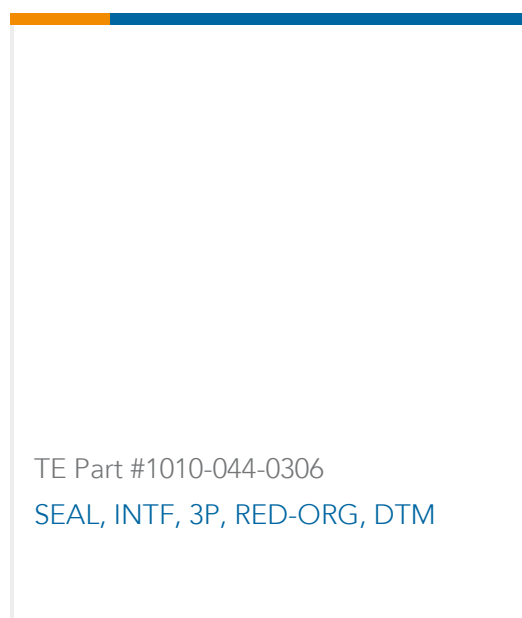
TE Part #8-2176391-1
RQ 1206 84K5 0.1% 10PPM 5K RL



TE Part #1011-056-0305
SEAL RET, 3P, GRY, DTM



TE Part #3-2176331-7
CRGP 2512 10K 1%



TE Part #1010-044-0306
SEAL, INTF, 3P, RED-ORG, DTM

Documents

Product Drawings

10 MODII VRT DR CE .100 X .100

English

CAD Files

Customer View Model

ENG_CVM_CVM_5-147424-5_F.2d_dxf.zip



English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5-147424-5_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-147424-5_F.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[AMPMODU_INTERCONNECTION_SYSTEM_SECTION5](#)

English

Product Specifications

[Application Specification](#)

English