

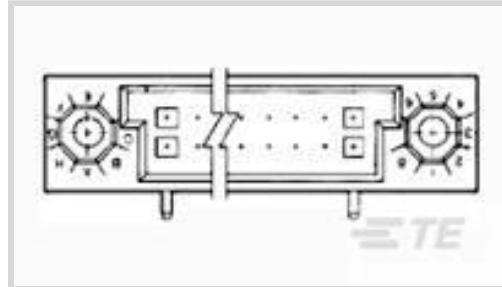
1-5532428-4  ACTIVE**AMP-HDI**

TE Internal #: 1-5532428-4

PCB Mount Receptacle, Right Angle, Board-to-Board, 150 Position, 2.54 mm [.1 in] Centerline, Gold, Through Hole - Solder, Signal, Black, Box / Tube

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles

PCB Connector Assembly Type: **PCB Mount Receptacle**PCB Mount Orientation: **Right Angle**Connector System: **Board-to-Board**Number of Positions: **150**Number of Rows: **2****Features****Electrical Characteristics**

Insulation Resistance	2 MΩ
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Dimensions

PCB Thickness (Recommended)	2.36 mm[.76 in]
Connector Height	6.6 mm[.259 in]

Usage Conditions

Housing Temperature Rating	High
Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]

Termination Features

Rectangular Termination Post & Tail Width	.58 mm[.023 in]
Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
Termination Post & Tail Length	4.57 mm[.18 in]
Termination Method to PCB	Through Hole - Solder

Contact Features

Contact Mating Area Plating Material Thickness	.76 µm[29.9212 µin]
PCB Contact Termination Area Plating Material Thickness	.1 µm[3.937 µin]
Contact Shape & Form	Four Beam
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin

Contact Mating Area Plating Material	Gold
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Contact Type	Socket
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Contact Current Rating (Max)	3 A
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Housing Features

Housing Material	Thermoplastic
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Centerline (Pitch)	2.54 mm [.1 in]
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Configuration Features

Stackable	No
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PCB Mount Orientation	Right Angle
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Number of Positions	150
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Number of Rows	2
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Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
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Connector System	Board-to-Board
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Sealable	No
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Connector & Contact Terminates To	Printed Circuit Board
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Body Features

Primary Product Color	Black
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Mechanical Attachment

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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Mating Alignment	Without
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Tube, Box
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Other

EU RoHS Compliance	Compliant
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EU ELV Compliance

Compliant

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: JAN 2023
(233)

Does not contain REACH SVHC

Halogen Content

BFR/CFR/PVC Free, but Br/Cl >900 ppm in
other sources.

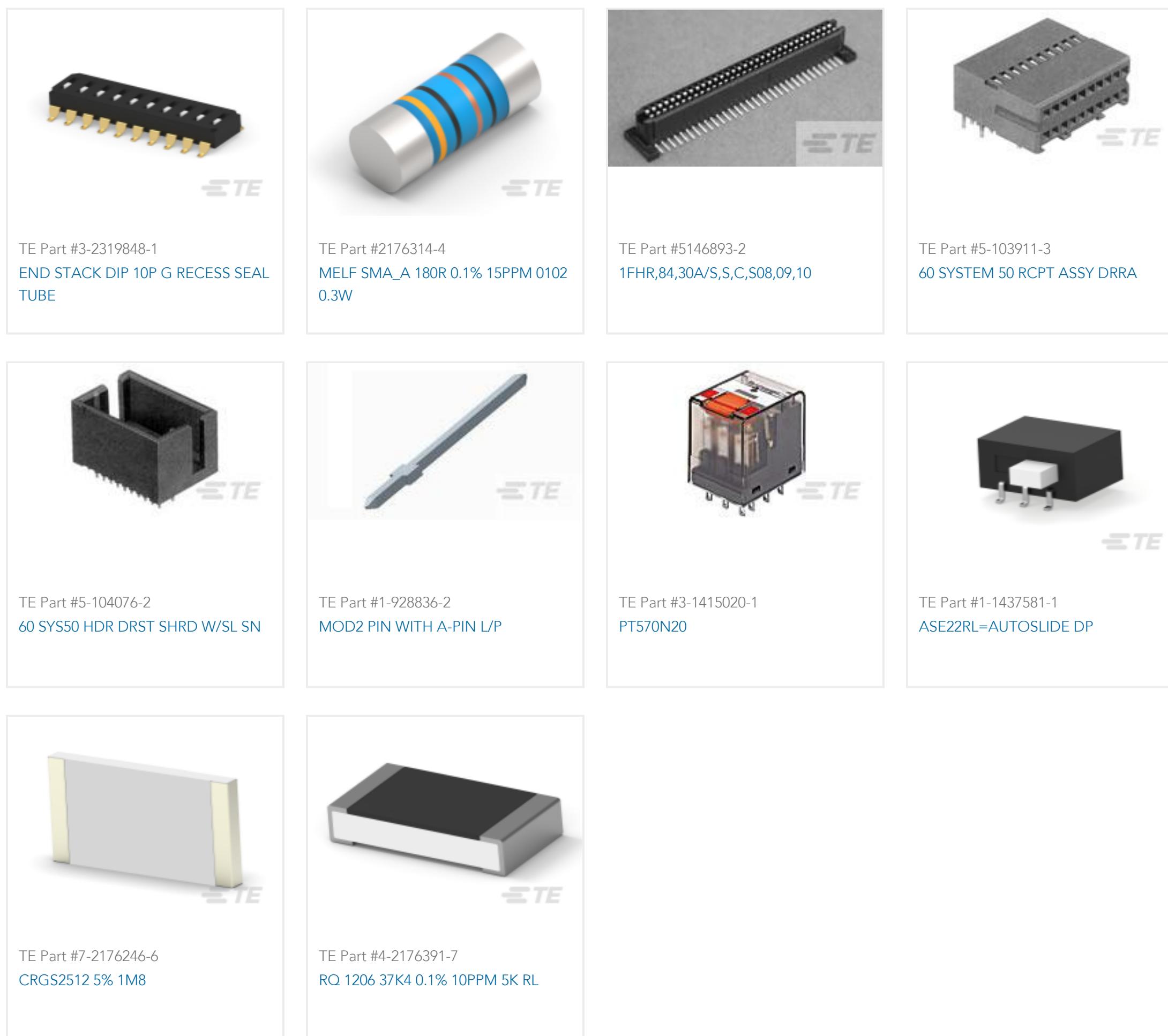
Solder Process Capability

Pin-in-Paste capable to 260°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 PartsTE Part # 532436-6
HDI PIN ASSY 4 ROW 180 POSTE Part # 91117-5
TOOL CLINCHINGTE Part # 1-5532430-4
ASSY,PIN,VERTICAL,HD,LEAD-FRE**Customers Also Bought**



Documents

Product Drawings

[ASSY,RECPT,R.ANGLE,HD,LEAD-FR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-5532428-4_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-5532428-4_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-5532428-4_B.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English