

532825-6 ✓ ACTIVE

#### AMP-HDI

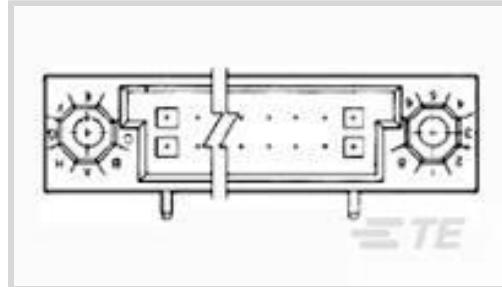
TE Internal #: 532825-6

PCB Mount Receptacle, Right Angle, Board-to-Board, 70 Position, 2.54 mm [.1 in] Centerline, Gold, Through Hole - Solder, Signal, Black, Tube

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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: **70**

Number of Rows: **2**

## Features

### Electrical Characteristics

Insulation Resistance	2 MΩ
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### Dimensions

PCB Thickness (Recommended)	1.57 mm [.76 in]
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Connector Height	3.05 mm [.12 in]
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### Packaging Features

Packaging Quantity	5
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Packaging Method	Tube
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### Usage Conditions

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

Assembly Process Feature	None
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Circuit Application	Signal
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### Mechanical Attachment

Mating Alignment Type	Keyed
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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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Mating Alignment

With

**Termination Features**

Rectangular Termination Post & Tail Width	.58 mm[.023 in]
Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
Termination Post & Tail Length	3.05 mm[.12 in]
Termination Method to PCB	Through Hole - Solder

**Contact Features**

Contact Mating Area Plating Material Thickness	.76 $\mu$ m[30 $\mu$ in]
Mating Square Post Dimension	.64 mm[.025 in]
Contact Shape & Form	Four Beam
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold
Contact Type	Socket
Contact Current Rating (Max)	3 A

**Housing Features**

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

**Configuration Features**

Stackable	No
PCB Mount Orientation	Right Angle
Number of Positions	70
Number of Rows	2

**Product Type Features**

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

**Body Features**

Primary Product Color	Black
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**Industry Standards**

UL Flammability Rating	UL 94V-0
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## Other

EU RoHS Compliance	Not Compliant
EU ELV Compliance	Compliant with Exemptions

## Product Compliance

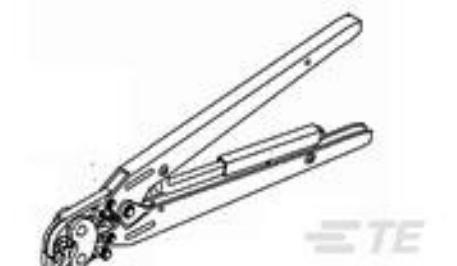
For compliance documentation, visit the product page on [TE.com](http://TE.com)>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not lead free process capable

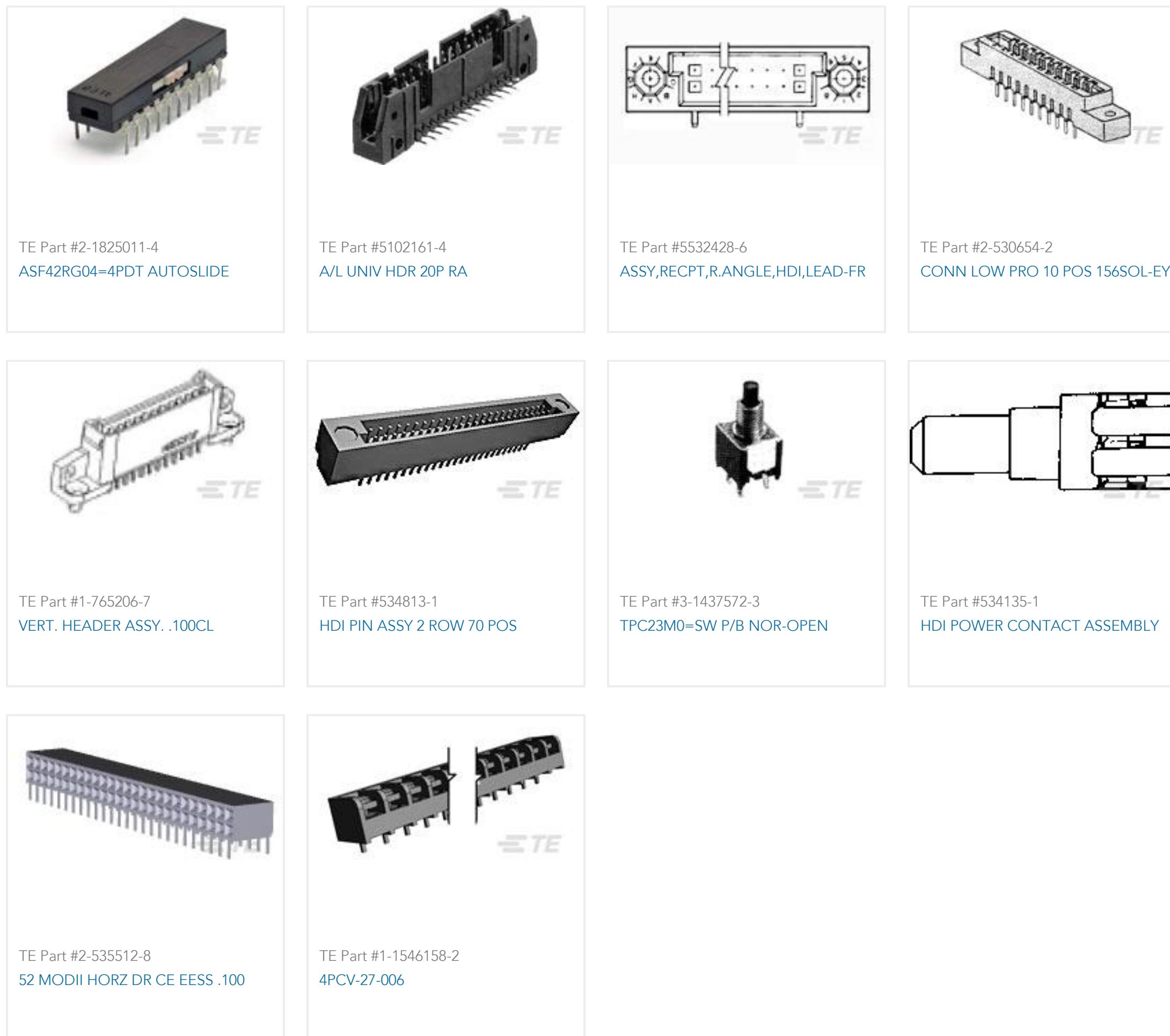
### Product Compliance Disclaimer

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 # 91117-5 TOOL CLINCHING	TE Part # 534813-1 HDI PIN ASSY 2 ROW 70 POS

## Customers Also Bought



## Documents

### Product Drawings

#### [HDI RECP ASSY 2 ROW 70 POS](#)

English

### CAD Files

#### [3D PDF](#)

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_532825-6\\_P.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_532825-6\\_P.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_532825-6\\_P.3d\\_stp.zip](#)

English

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

## Datasheets & Catalog Pages

[1-1773957-5\\_AMP\\_HDI\\_BTB\\_CONNECTORS\\_EN](#)

English

[Product Specifications](#)[Application Specification](#)

English

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

English

[Agency Approvals](#)[Agency Approval Document](#)

English