



AMP

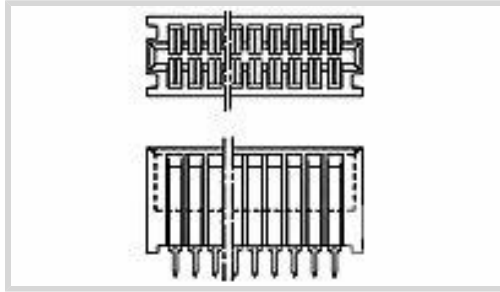
TE Internal #: 166087-4

Board-to-Board, 4 Position, 2.54 mm [.1 in] Centerline, Solder

Eyelet, 4 Dual Positions, 2 Row, Green, Standard Edge Connectors

[View on TE.com >](#)

Connectors > PCB Connectors > Card Edge Connectors > Standard Edge Connectors



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

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

Number of Positions: **4**

Centerline (Pitch): **2.54 mm [.1 in]**

**Features**

**Other**

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

**Product Type Features**

Connector System	Board-to-Board
Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Printed Circuit Board

**Configuration Features**

Number of Positions	4
Number of Dual Positions	4
Number of Rows	2
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical

**Body Features**

Primary Product Color	Green
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**Contact Features**

PCB Contact Termination Area Plating Material Thickness	3 μm
Contact Mating Area Plating Material	Gold
Contact Retention Within Housing	Without



Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
PCB Contact Termination Area Plating Material Finish	Matte
Contact Type	Socket
Contact Mating Area Plating Material Thickness	.38 $\mu\text{m}$ [15 $\mu\text{in}$ ]
Contact Current Rating (Max)	3 A

#### Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.2 mm[.13 in]
Termination Method to Wire & Cable	Solder Eyelet

#### Mechanical Attachment

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

#### Housing Features

Housing Entry Configuration	Both Ends Closed
Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Thermoplastic Polyester -20% Glass-Filled

#### Dimensions

Card Slot Depth	7.9 mm[.31 in]
Row-to-Row Spacing	5.08 mm[.2 in]

#### Usage Conditions

Operating Temperature Range	-55 – 125 $^{\circ}\text{C}$ [-67 – 257 $^{\circ}\text{F}$ ]
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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 & Tube
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Packaging Quantity 34

### 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 2022 (223) Does not contain REACH SVHC
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 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 # 166087-5  
DUAL LOADED/CLOSED ENDS

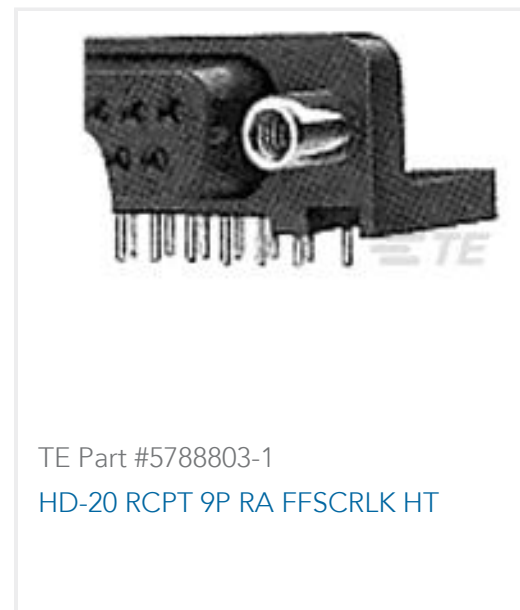
TE Part # 166087-3  
DUAL LOADED,CLOSED ENDS

TE Part # 1-166087-2  
DUAL LOADED/CLOSED ENDS

### Customers Also Bought



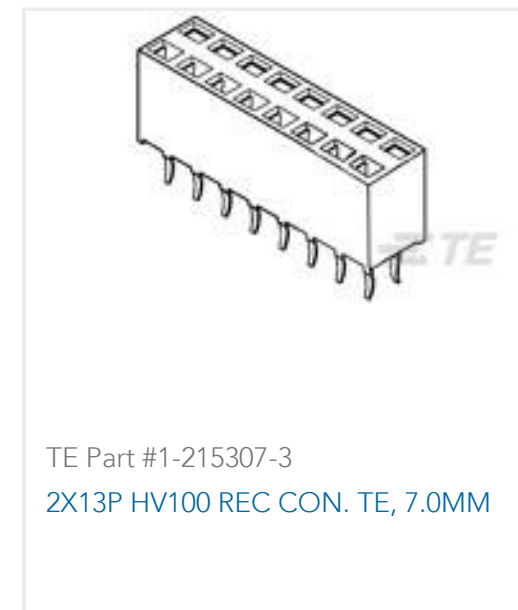
TE Part #5227222-3  
VERT JK W/MTG PINS, BNC PCB



TE Part #5788803-1  
HD-20 RCPT 9P RA FFSCRLK HT



TE Part #175195-2  
DYNAMIC D-3 REC CONT/M AU 0.38



TE Part #1-215307-3  
2X13P HV100 REC CON. TE, 7.0MM



TE Part #1909763-1  
UMCC MICRO-COAX RECPT GEN 1  
HIGHER LEVEL



TE Part #5-103908-2  
03 MTE HDR SRST LATCH W/HLDWN



TE Part #5-1879208-0  
CPF 0402 1K1 0.1% 25PPM 1K RL



TE Part #8-1393114-4  
KUHP-5A51-120=KU-



TE Part #1393793-9  
V23105A5405A201

## Documents

### Product Drawings

[4P RANDSTECKER DB](#)

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_166087-4\\_K.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_166087-4\\_K.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_166087-4\\_K.3d\\_stp.zip](#)

English

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

### Product Specifications

[Product Specification](#)



**AMP EDGE Low Profile Connectors**

English

**Product Specification**

English