

2204403-1 ✓ ACTIVE

MULTI-BEAM | MULTI-BEAM HD

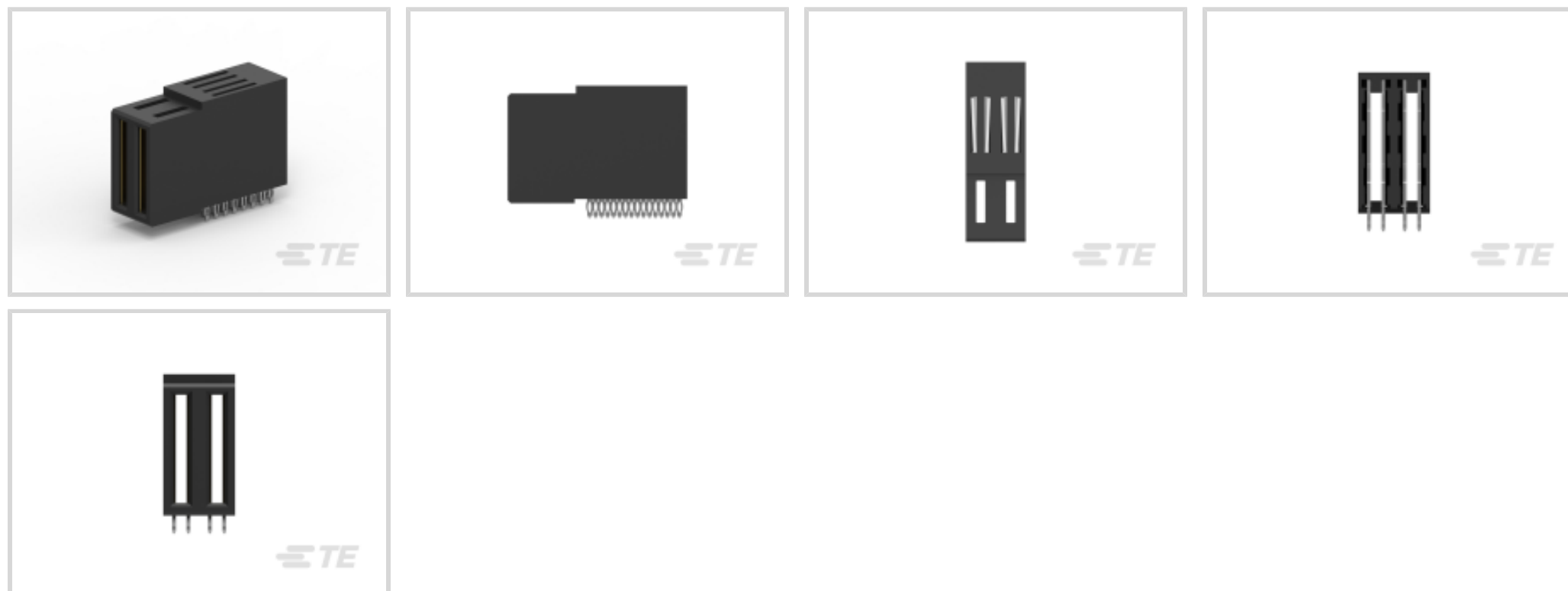
TE Internal #: 2204403-1

PCB Mount Receptacle, Right Angle, Board-to-Board, 2 Position, 5 mm [.196 in] Centerline, Fully Shrouded, Gold, MULTI-BEAM HD

[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: **2**

Number of Rows: **1**

## Features

### Electrical Characteristics

Operating Voltage	60 VDC
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### Dimensions

Connector Width	30 mm[1.18 in]
PCB Thickness (Recommended)	1.5 mm[.059 in]
Connector Height	18.9 mm[.74 in]
Connector Length	10 mm[.39 in]

### Packaging Features

Packaging Quantity	140
Packaging Method	Tray

### Industry Standards

UL Rating	Recognized
Glow Wire Rating	High Temperature Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

### Usage Conditions



Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

### Termination Features

Termination Post & Tail Length	3.2 mm[.126 in]
Termination Method to PCB	Through Hole - Press-Fit

### Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.076 µm[3 µin]
PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 µm[100 – 200 µin]
Contact Layout	Inline
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold
Contact Type	Receptacle
Contact Current Rating (Max)	3.5 A, 135 A

### Housing Features

Housing Material	High Temperature Thermoplastic Glass-Filled
Centerline (Pitch)	5 mm[.196 in]

### Configuration Features

Number of Columns	2
Number of Loaded Positions	2
Number of Power Positions	2
PCB Mount Orientation	Right Angle
Number of Positions	2
Number of Rows	1

### Product Type Features

Connector Shape	Rectangular
PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Header Type	Fully Shrouded
Sealable	No



Connector &amp; Contact Terminates To

Printed Circuit Board

### Body Features

Primary Product Color

Black

### Mechanical Attachment

PCB Mount Retention

Without

PCB Mount Alignment

Without

Connector Mounting Type

Board Mount

Mating Alignment

Without

### Operation/Application

Circuit Application

Power

### Other

EU RoHS Compliance

Compliant

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: JUNE 2024 (241)  
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

Not applicable for solder process capability

#### 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



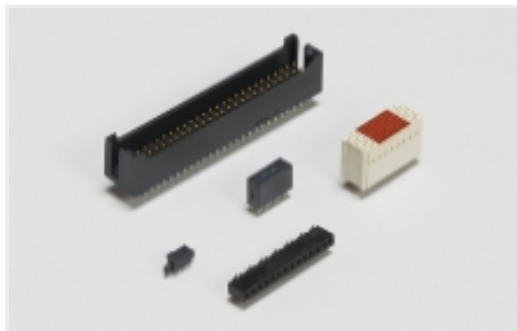
requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

### Compatible Parts

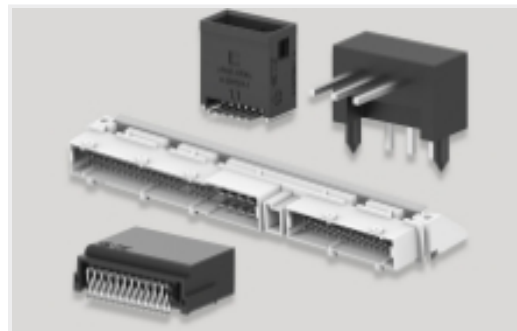


TE Part # 2204443-1  
MULTI-BEAM HD R/A PLUG 2P

### Also in the Series | MULTI-BEAM HD



Board-to-Board Headers & Receptacles(46)



PCB Headers & Receptacles(46)

### Customers Also Bought



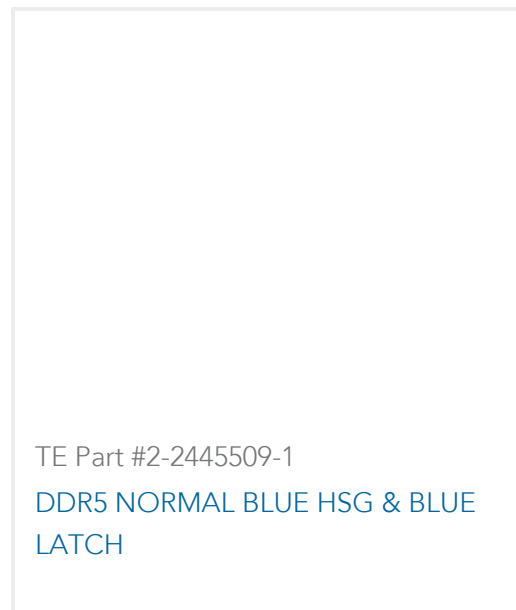
TE Part #2204423-1  
MULTI-BEAM HD VERTICAL REC. 2P



TE Part #2187724-1  
SW PIR HDR BP, 92OHM, 4X4 OEW



TE Part #2204443-1  
MULTI-BEAM HD R/A PLUG 2P



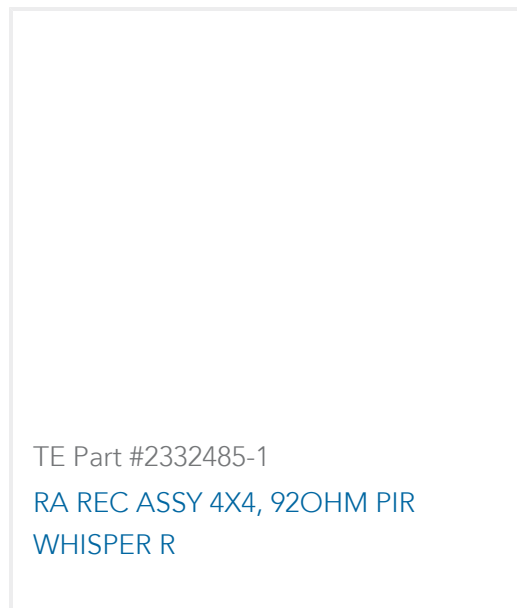
TE Part #2-2445509-1  
DDR5 NORMAL BLUE HSG & BLUE LATCH



TE Part #2187707-1  
SW PIR HDR BP, 100OHM, 4X6 LEW



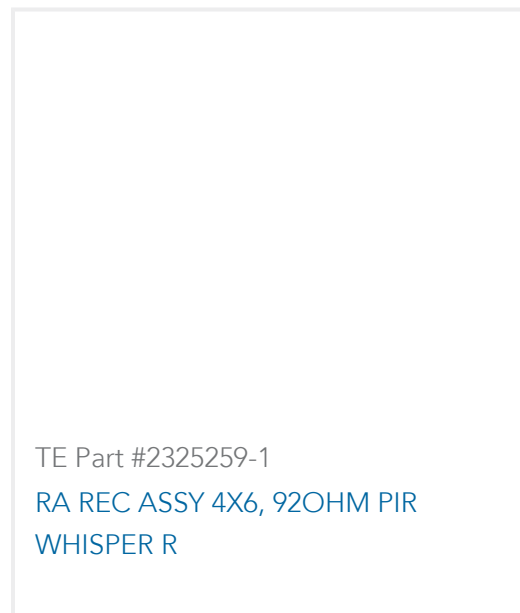
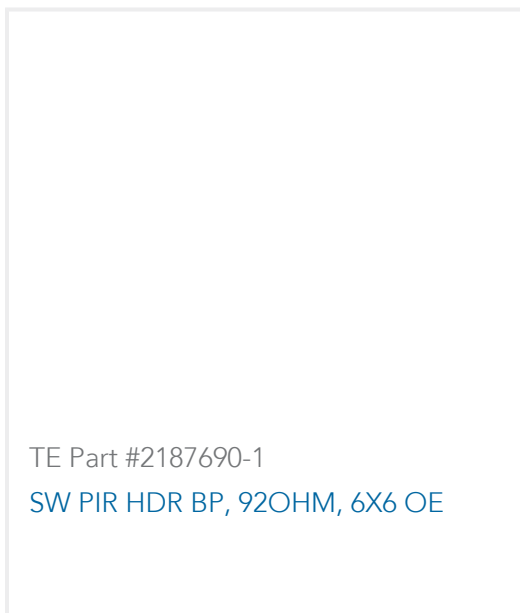
TE Part #2187282-1  
SW PIR RECT, 100OHM, 4X4



TE Part #2332485-1  
RA REC ASSY 4X4, 92OHM PIR WHISPER R



TE Part #2187706-1  
SW PIR HDR BP, 100OHM, 4X6 REW



## Documents

### Product Drawings

[MULTI-BEAM HD R/A REC.2P](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2204403-1\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2204403-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2204403-1\\_A.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

### Agency Approvals

[UL](#)

English