

# MULTI-BEAM HD R/A PLUG 4VP+20S SOLDER



✓ ACTIVE

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TE Part # **2204456-1**

TE Internal #: **2204456-1**

Product Type : **Header**

Housing Type : **Plug**

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

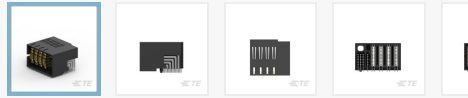
Number of Positions : **24**

Centerline (Pitch) (mm) : **2, 6**

Centerline (Pitch) (in) : **.078, .236**

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**Product Drawings**

- MULTI-BEAM HD R/A PLUG 4VP+20S SOLDER  
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English

**CAD Files**

- 3D PDF  
[3D\\_CVM\\_CVM\\_2204456-1\\_A.pdf](#) 3D  
Customer View Model
- [ENG\\_CVM\\_CVM\\_2204456-1\\_A.2d\\_dxf.zip](#)  
English
- [ENG\\_CVM\\_CVM\\_2204456-1\\_A.3d\\_igs.zip](#)  
English
- [ENG\\_CVM\\_CVM\\_2204456-1\\_A.3d\\_stp.zip](#)  
English

**Product Specifications**

- Application Specification  
[ENG\\_SS\\_114-128010\\_A.pdf](#) English
- Product Specification  
[ENG\\_SS\\_108-128007\\_A2.pdf](#) English
- Qualification Test Report

Agency Approvals UL

ENG\_AAD\_UL\_E28476\_20141204\_A.pdf English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features

Product Type : **Header**  
Housing Type : **Plug**  
Connector System : **Board-to-Board**  
Sealable : **No**  
Connector & Contact Terminates To : **Printed Circuit Board**  
Contact Type : **Pin**

Configuration Features

Number of Positions : **24**  
PCB Mount Orientation : **Right Angle**  
Number of Power Positions : **4**  
Number of Signal Positions : **20**  
Number of Rows : **5**  
Row-to-Row Spacing : **2 mm [ .079 in ]**  
Board-to-Board Configuration : **Right Angle**  
Connector Circuit Configuration (Number of Pos/Type) : **4VP/Power, 20/Signal**

Electrical Characteristics

Operating Voltage (VAC): **60, 200**  
Operating Voltage (VDC): **60, 200**

Contact Features

Contact Current Rating (Max) (A): **400**  
Contact Retention : **Without**  
Contact Termination Area Plating Material : **Matte Tin**  
Contact Mating Area Plating Material : **Noble Metal**  
Contact Mating Area Plating Thickness : **.076 µm [ 3 µin ]**



Termination Features	Termination Method to PC Board : <b>Through Hole - Solder</b>  Termination Post/Tail Length (mm): <b>3.2</b>
Mechanical Attachment	Connector Mounting Type : <b>Board Mount</b>
Housing Features	Centerline (Pitch) (mm): <b>2, 6</b>  Centerline (Pitch) (in): <b>.078, .236</b>  UL Flammability Rating : <b>UL 94V-0</b>  Housing Color : <b>Black</b>  Housing Material : <b>High Temperature Thermoplastic</b>
Usage Conditions	Operating Temperature Range : <b>-40 – 125 °C [ -40 – 257 °F ]</b>  Sealed Condition : <b>Not Sealed</b>
Operation/Application	Circuit Application : <b>Power &amp; Signal</b>
Industry Standards	Glow Wire Rating : <b>High Temperature Part - Not Glow Wire</b>
Packaging Features	Packaging Method : <b>Box &amp; Tray</b>
Statement of Compliance	<a href="#">Statement of Compliance pdf</a>

## Compatible Parts



**TE Part #** 2204416-1  
**MULTI-BEAM HD**  
**R/A.REC.... SOLDER**

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Rectangular Power Connectors (41)

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**TE Part #** 350570-3  
**UMNL SOK 24-18  
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**TE Part #** 1-480763-0  
**05P UMNL PLUG HSG  
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