



STANDARD RECTANGULAR CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

DYNAMIC D-5200 HDR V ASSY 2P

[Dynamic Series](#) | [Dynamic 5000 Series](#)

2-353080-2

TE Internal Number: 2-353080-2

[Always EU RoHS/ELV Compliant](#)

Product Type **Connector**

Mating Alignment **With**

Mating Alignment Type **Keyed**

Mating Retention **With**

Mating Retention Type **Latch**

Product Drawings

[SINGLE ROW HEADER ASSY 2P -V-TYPE DYNAMIC D-5200 S](#)

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English

CAD Files

[Customer View Model](#)

3D_IGS.ZIP
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[Customer View Model](#)

3D_STP.ZIP
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[Customer View Model](#)

2D_DXF.ZIP
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[3D PDF](#)

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Catalog Pages/Data Sheets

[D4000 And D5000 Series Dynamic Connectors](#)

PDF
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[1-1773732-4_DYNAMIC_SERIES_CATALOG_ENGLISH](#)

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Product Specifications

Product Specification

[Dynamic Connector D-5000 Series](#)

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English

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

| | | |
|----------------------------|--------------------------------|---|
| | PCB Mounting Orientation | Vertical |
| | Sealed | No |
| | Connector System | Wire-to-Board |
| | Shielded | No |
| | Insertion Force | Standard |
| | Connector Style | Plug |
| | Glow Wire Rating | Standard Part - Not Glow Wire |
| | Strain Relief | Without |
| | Series Number | 5000 |
| | Shrouded | Yes |
| | Connector Type | Header |
| | Applies To | Printed Circuit Board |
| | | |
| Configuration Features | Number of Positions | 2 |
| | Number of Rows | 1 |
| | Preloaded | Yes |
| | Keying | Y |
| | Selectively Loaded | No |
| | | |
| Electrical Characteristics | Operating Voltage | 630 VAC [630 VDC] |
| | | |
| Body Features | Header Type | Shrouded |
| | Sealable | No |
| | | |
| Contact Features | Contact Plating Material | Gold |
| | Contact Current Rating (A) | 30 |
| | Tail Plating Thickness | 2 μm [78.74 μin] |
| | Multiple Contact Types | Without |
| | Contact Style | Straight |
| | Contact Type | Tab |
| | Tail Plating Material | Tin |
| | Contact Transmits (Typical) | Power |
| | Shunts/Shorting Bars | Without |
| | Contact Layout | Inline |
| | | |
| Termination Features | Termination Method to PC Board | Through Hole - Solder |

| | | |
|-----------------------|------------------------------|----------------------------------|
| Mechanical Attachment | Mating Alignment | With |
| | Mating Alignment Type | Keyed |
| | Mating Retention | With |
| | Mating Retention Type | Latch |
| | PCB Mount Retention | With |
| | PCB Mount Retention Type | Retention Leg |
| | Contact Retention | Without |
| | PCB Mount Alignment | Without |
| | Lock Type | Latch |
| Housing Features | Centerline | 10.16 mm [.4 in] |
| | Housing Material | Polyester GF |
| | Housing Color | Black |
| Dimensions | PCB Thickness (Recommended) | 1.6 – 2.4 mm [.063 – .0945 in] |
| | Tail Length | 3.8 mm [.149 in] |
| | Height | 32 mm [1.25 in] |
| | Width | 12.4 mm [.488 in] |
| | Length | 29.36 mm [1.15 in] |
| Usage Conditions | Operating Temperature Range | -55 – 105 °C [-67 – 221 °F] |
| Operation/Application | For Use With | Receptacle Housing |
| | Assembly Integration Feature | Without |
| | Halogen Free | Yes |
| Industry Standards | UL Flammability Rating | UL 94V-0 |
| | CSA File Number | LR7189 |
| | VDE Tested | No |
| | CSA Rating | Certified |
| | UL Rating | Recognized |
| | Agency/Standard | CSA, UL |
| | UL File Number | E28476 |
| Packaging Features | Packaging Quantity | 16 |
| | Packaging Method | Tube, Tube/Box |

CUSTOMERS ALSO BOUGHT

| WIRE-TO-BOARD HEADERS & RECEPTACLES | RECTANGULAR POWER CONNECTORS | IEC FILTERED INLETS | WIRE-TO-BOARD HEADERS & RECEPTACLES |
|--|--|--|--|
| DYNAMIC D-5200 HDR V ASSY 3P 2-353082-2 | 04P UMNL HDR ASSY POL 643415-1 | 6EJT1=F8135 2-6609006-3 | 03P MTA100 HDR ASSY (NARROW) 3-644456-3 |
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