+ CONNECTORS

STANDARD RECTANGULAR CONNECTORS

TE CONNECTIVITY (TE)

10-P POST HDR D-3100D VERT .38

Dynamic Series | Dynamic 3000 Series

178325-2
TE Internal Number: 178325-2

Always EU RoHS/ELV Compliant

Product Type **Connector**

Mating Alignment **With**

Mating Alignment Type **Polarization**

Mating Retention **With**

Mating Retention Type **Latch**

✔ Active

⬇ **PRODUCT DRAWING**
Japanese

⬇ **3D PDF**

Product Drawings	
	10 POS DOUBLE ROW VERTICAL HDR ASS'Y FOR DYNAMIC D-3100 PDF **(TIFF AVAILABLE)** **Japanese**
	10 POS DOUBLE ROW VERTICAL HDR ASS'Y FOR DYNAMIC D-3100 PDF **(TIFF AVAILABLE)** **Japanese**

CAD Files	
	Customer View Model 2D_DXF.ZIP **English**
	Customer View Model 3D_IGS.ZIP **English**
	Customer View Model 3D_STP.ZIP **English**
	3D PDF PDF **English**

Catalog Pages/Data Sheets	
	D3000 Series Dynamic Connectors PDF **English**
	1-1773732-4_DYNAMIC_SERIES_CATALOG_ENGLISH PDF **English**

Product Specifications

Product Specification	
	Dynamic Connector D-3000 Series TIF **Japanese**
	Dynamic Connector D-3000 Series PDF **Japanese**

Product Environmental Compliance

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	**Connector**
	PCB Mounting Orientation	**Vertical**
	Sealed	**No**
	Connector System	**Wire-to-Board**
	Shielded	**No**
	Insertion Force	**Standard**
	Row-to-Row Spacing	**5.08 mm [.2 in]**
	Connector Style	**Plug**
	Glow Wire Rating	**Standard Part - Not Glow Wire**
	Strain Relief	**Without**
	Series Number	**3000**
	Shrouded	**Yes**
	Connector Type	**Header**
	Applies To	**Printed Circuit Board**

Configuration Features		
	Number of Positions	**10**
	Number of Rows	**2**
	Preloaded	**Yes**
	Selectively Loaded	**No**

Electrical Characteristics		
	Operating Voltage	**250 VAC [250 VDC]**
	UL Voltage Rating	**250 VAC [250 VDC]**

Body Features		
	Header Type	**Shrouded**
	Sealable	**No**

Contact Features		
	Contact Plating Material	**Gold**
	Contact Current Rating (A)	**15**
	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, Signal (Data)**
	Shunts/Shorting Bars	**Without**
	Contact Layout	**Matrix**

Termination Features	Termination Method to PC Board	**Through Hole - Solder**

Mechanical Attachment	Mating Alignment	**With**
	Mating Alignment Type	**Polarization**
	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	**3.81 mm [.149 in]**
	Housing Material	**Polyester GF**
	Housing Color	**Black**

Dimensions	PCB Thickness (Recommended)	**1.6 mm [.063 in]**
	Tail Length	**3.8 mm [.149 in]**
	Height	**21.6 mm [.85 in]**
	Width	**14.43 mm [.568 in]**
	Length	**29.24 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	**17**
	Packaging Method	**Tube, Tube/Box**

Product Compliance	Statement of Compliance PDF
	VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT

STANDARD RECTANGULAR CONNECTORS

6-P POST HDR VERT D-3100D .38
178323-2

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