



CONNECTORS

STANDARD RECTANGULAR CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

DYNAMIC D-3200 HDR ASSY 12P H

[Dynamic Series](#) | [Dynamic 3000 Series](#)

1-316081-2

TE Internal Number: 1-316081-2

Always EU RoHS/ELV Compliant

Product Type **Connector**

Mating Alignment **With**

Mating Alignment Type **Keyed**

Mating Retention **With**

Mating Retention Type **Latch**



Product Drawings

12 POS DOUBLE ROW HORIZONTAL HDR ASS'Y FOR DYNAMIC D-3200

PDF (**TIFF AVAILABLE**)
English

12 POS DOUBLE ROW HORIZONTAL HDR ASS'Y FOR DYNAMIC D-3200

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English

CAD Files

3D PDF

PDF
English

Customer View Model

3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP
English

Customer View Model

2D_DXF.ZIP
English

Catalog Pages/Data Sheets

D3000 Series Dynamic Connectors Continued

PDF
English

Product Specifications

Product Specification	Dynamic Connector D-3000 Series TIF Japanese
Qualification Test Report	Dynamic Connector D-3000 Series PDF Japanese DYNAMIC D-3000 SERIES CONNECTOR PDF Japanese

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	Right Angle
	Sealed	No
	Connector System	Wire-to-Board
	Shielded	No
	Insertion Force	High
	Row-to-Row Spacing	7.62 mm [.3 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	12
	Number of Rows	2
	Preloaded	Yes
	Keying	XX
	Selectively Loaded	No

Electrical Characteristics	Operating Voltage	600 VAC [600 VDC]
	UL Voltage Rating	250 VAC [250 VDC]

Body Feature	Header Type	Shrouded
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Body Features	Sealable	No
Contact Features	Contact Plating Material	Gold
	Contact Style	Right Angle
	Contact Transmits (Typical)	Power, Signal (Data)
	Shunts/Shorting Bars	Without
	Contact Layout	Matrix
	Tail Plating Thickness	2 μm [78.74 μin]
	Multiple Contact Types	Without
	Contact Type	Tab
	Tail Plating Material	Tin
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
	Panel Mount Retention Type	Screw Mount
Housing Features	Centerline	5.08 mm [.2 in]
	Housing Material	Polyester GF
	Housing Color	Black
Dimensions	PCB Thickness (Recommended)	1.6 mm [.063 in]
	Tail Length	3.8 mm [.149 in]
	Width	9.35 mm [.368 in]
	Length	39.4 mm [1.55 in]
	Height	16.97 mm [.668 in]
Usage Conditions	Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]

Operation/Application	Assembly Integration Feature	Without
	Halogen Free	Yes
	For Use With	Receptacle Housing

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	12
	Packaging Method	Tube, Tube/Box

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

