

STANDARD RECTANGULAR CONNECTORS



✓ Active



TE CONNECTIVITY (TE) DYNAMIC 3100 HDR ASSY 16P Dynamic Series | Dynamic 3000 Series

178307-3 TE Internal Number: 178307-3

Always EU RoHS/ELV Compliant

Product Type **Connector** Mating Alignment **With** Mating Alignment Type **Polarization** Mating Retention **With** Mating Retention Type **Latch**

Product Drawings	16 POS DOUBLE ROW HORIZONTAL HDR ASSY FOR DYNAMIC 3100 ^{PDF} English
CAD Files	3D PDF PDF 3D
	Customer View Model
	2D_DXF.ZIP English
	Customer View Model
	3D_IGS.ZIP English
	Customer View Model
	3D_STP.ZIP 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

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

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Product Type Features	Product Type	Connector
	PCB Mounting Orientation	Right Angle
	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	16
	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)	8
	Tail Plating Thickness	2 µm [78.74 µin]
	Multiple Contact Types	Without
	Contact Style	Right Angle
	Contact Type	Tab
	Tail Plating Material	Tin
	Contact Transmits (Typical)	Power, Signal (Data)
	Shunts/Shorting Bars	Without
	Contact Javout	Matrix

Contact Layout

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lechanical Attachment Mating Alignment Type Polarization Mating Alignment Type Polarization Mating Retention Type Latch FCB Mount Retention Type Retention Leg Contact Retention Type Retention Leg Contact Retention Type Contact Retention Contact Retention Contact Retention Contact Retention Type Latch FCB Mount Alignment Uthout Lock Type Latch Contact Retention Specific Contact Retention Contact Retention Contact Retention Contact Retention Specific Contact Retention Specific Contact Retention Contact Retention Specific Contact Retention Contact Retention Contact Retention Contact Retention Contact Retention Specific Contact Retention			
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LatchLatchPCB Mount Retention TypeRetention LegPCB Mount Retention TypeRetention LegContext RetentionWithoutPCB Mount AlgomentWithoutPCB Mount AlgomentSalt mp [.492n]Doubing FeaturesCenterlineContext RetentionSalt mp [.492n]Doubing FeaturesCenterlinePCB Thickness (Recommended)1.4 mm [.003in]Intergib1.4 mm [.003in]Housing ColorSalt mp [.402in]Intergib1.4 amm [.402in]Height1.4 amm [.402in]Height1.4 amm [.402in]Height1.4 amm [.402in]LangthBackSalt of Context Retention FeatureSolt of Cleot - 221*F]Autor Salt of Cleot FreeSolt of Cleot - 221*F]Autor Salt of Cleot Fre		Mating Alignment Type	Polarization
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CSA File NumberLR7189VDE TestedNoCSA RatingCertifiedUL RatingRecognizedAgency/StandardCSA, UL		Halogen Free	Yes
VDE TestedNoCSA RatingCertifiedUL RatingRecognizedAgency/StandardCSA, UL	Industry Standards	UL Flammability Rating	UL 94V-0
CSA RatingCertifiedUL RatingRecognizedAgency/StandardCSA, UL		CSA File Number	LR7189
UL Rating Recognized Agency/Standard CSA, UL		VDE Tested	No
Agency/Standard CSA, UL		CSA Rating	Certified
		UL Rating	Recognized
UL File Number E28476		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