

STANDARD RECTANGULAR CONNECTORS



✓ Active

[PRODUCT DRAWING](#)
Japanese

[3D PDF](#)

TE CONNECTIVITY (TE) DYNAMIC 3100 HDR ASSY 4P V K/Y

Dynamic Series | Dynamic 3000 Series

2-178314-2

TE Internal Number: 2-178314-2

Always EU RoHS/ELV Compliant

Product Type **Connector**

Mating Alignment **With**

Mating Alignment Type **Keyed**

Mating Retention **Without**

PCB Mount Retention **With**

Product Drawings

4 POS SINGLE ROW VERTICAL HDR ASS'Y FOR DYNAMIC 3100

PDF ([TIFF AVAILABLE](#))

Japanese

4 POS SINGLE ROW VERTICAL HDR ASS'Y FOR DYNAMIC 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

DYNAMIC D-3000 SERIES CONNECTOR

PDF

Japanese

Qualification Test Report

Product Environmental Compliance

TE Material Declaration

[MD_2-178314-2_02032016728_dmtec](#)

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	Connector
	PCB Mounting Orientation	Vertical
	Sealed	No
	Connector System	Wire-to-Board
	Shielded	No
	Insertion Force	High
	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	4
	Number of Rows	1
	Preloaded	Yes
	Keying	Y
	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 Style	Straight
	Contact Transmits (Typical)	Power, Signal (Data)
	Shunts/Shorting Bars	Without

Contact/Contacting Data		
Contact Layout	Inline	
Tail Plating Thickness	2 µm [78.74 µin]	
Multiple Contact Types	Without	
Contact Type	Tab	
Tail Plating Material	Tin	
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Termination Features	Termination Method to PC Board	Through Hole - Solder
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Mechanical Attachment	Mating Alignment	With
	Mating Alignment Type	Keyed
	Mating Retention	Without
	PCB Mount Retention	With
	PCB Mount Retention Type	Retention Leg
	Contact Retention	Without
	PCB Mount Alignment	Without
	Lock Type	Latch
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Housing Features	Centerline	3.81 mm [.149 in]
	Housing Material	Polyester GF
	Housing Color	Black
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Dimensions	PCB Thickness (Recommended)	1.6 mm [.063 in]
	Tail Length	3.8 mm [.149 in]
	Width	9.35 mm [.368 in]
	Length	25.43 mm [1 in]
	Height	21.6 mm [.85 in]
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Usage Conditions	Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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Operation/Application	Assembly Integration Feature	Without
	Halogen Free	Yes
	For Use With	Receptacle Housing
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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	19
	Packaging Method	Tube, Tube/Box

Product Compliance	Statement of Compliance PDF
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[VIEW ALL PRODUCT COMPLIANCE](#)