



CONNECTORS

## CONNECTOR HOUSINGS



✓ Active

↓ **PRODUCT DRAWING**  
Japanese

↓ **3D PDF**

TE CONNECTIVITY (TE)

### DYNAMIC D3100 REC HSG 20P

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

178289-8

TE Internal Number: 178289-8

Always EU RoHS/ELV Compliant

Connector System **Wire-to-Board, Wire-to-Wire**

Centerline **3.81 mm [ .1499 in ]**

Row-to-Row Spacing **5.08 mm [ .2 in ]**

Number of Positions **20**

Number of Rows **2**



#### Product Drawings

[REC HSG FOR DYNAMIC DPUBLE ROW DYNAMIC D-3100 REC HSG](#)

PDF  
Japanese

#### CAD Files

[Customer View Model](#)

2D\_DXF.ZIP  
English

[3D PDF](#)

PDF  
3D

[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

Qualification Test Report

**DYNAMIC D-3000 SERIES CONNECTOR**  
 PDF  
**Japanese**

## Product Environmental Compliance

TE Material Declaration

**MD\_178289-8\_04292015924\_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	Connector System	<b>Wire-to-Board, Wire-to-Wire</b>
	Row-to-Row Spacing	<b>5.08 mm [ .2 in ]</b>
	Connector Style	<b>Receptacle</b>
	Sealed	<b>No</b>
	Applies To	<b>Printed Circuit Board, Wire/Cable</b>
	Series Number	<b>3000</b>
	Glow Wire Rating	<b>Standard Part - Not Glow Wire</b>
	Product Type	<b>Connector</b>
	Connector Type	<b>Housing</b>

Configuration Features	Number of Positions	<b>20</b>
	Number of Rows	<b>2</b>
	Selectively Loaded	<b>No</b>
	Preloaded	<b>No</b>

Electrical Characteristics	Operating Voltage	<b>250 VAC [ 250 VDC ]</b>
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Body Features	Sealable	<b>No</b>
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Contact Features	Contact Type	<b>Socket</b>
	Contact Layout	<b>Matrix</b>
	Shunts/Shorting Bars	<b>Without</b>
	Multiple Contact Types	<b>Without</b>

Mechanical Attachment	Panel Mount Retention	<b>Without</b>
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Housing Features	Centerline	<b>3.81 mm [ .1499 in ]</b>
	Housing Material	<b>Polyester GF</b>
	Housing Color	<b>Black</b>
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Dimensions	Length	<b>51.03 mm [ 2.009 in ]</b>
	Height	<b>22.8 mm [ .897 in ]</b>
	Width	<b>12.53 mm [ .493 in ]</b>
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Usage Conditions	Operating Temperature Range	<b>-55 – 105 °C [ -67 – 221 °F ]</b>
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Operation/Application	Halogen Free	<b>Yes</b>
	For Use With	<b>Plug Housing &amp; Header</b>
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Industry Standards	CSA Rating	<b>Certified</b>
	CSA File Number	<b>LR7189</b>
	UL Rating	<b>Recognized</b>
	CSA Certified	<b>Yes</b>
	VDE Tested	<b>No</b>
	UL File Number	<b>E28476</b>
	Agency/Standard	<b>CSA, UL</b>
	UL Flammability Rating	<b>UL 94V-0</b>
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Packaging Features	Packaging Quantity	<b>100</b>
	Packaging Method	<b>Bag</b>
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Product Compliance	<a href="#">Statement of Compliance</a> PDF <a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

