



# CONNECTOR HOUSINGS



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↓ **PRODUCT DRAWING**  
Japanese

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TE CONNECTIVITY (TE)

## DYNAMIC 3100 REC HSG 16P

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

178289-7

TE Internal Number: 178289-7

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 **16**

Number of Rows **2**

### Product Drawings

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

PDF  
Japanese

### CAD Files

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

[Customer View Model](#)

2D\_DXF.ZIP  
English

[3D PDF](#)

PDF  
3D

### 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

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

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>

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Configuration Features	Number of Positions	<b>16</b>
	Number of Rows	<b>2</b>
	Selectively Loaded	<b>No</b>
	Preloaded	<b>No</b>

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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>

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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>42.71 mm [ 1.681 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>

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>

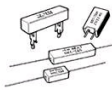


Packaging Features	Packaging Quantity	<b>100</b>
	Packaging Method	<b>Bag</b>

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

THROUGH-HOLE RESISTORS	RECTANGULAR CONNECTOR HOUSINGS	RECTANGULAR CONNECTOR HOUSINGS	RECTANGULAR CONNECTOR HOUSINGS
			
<b>SQM5 4K7 5% (METAL FILM)</b> SQMR54K7J	<b>DYNAMIC D-3200 WTW TAB HSG 12P</b> 1-179554-6	<b>DYNAMIC D3100 REC HSG 20P</b> 178289-8	<b>DYNAMIC 2100D REC 20P DBL Y NATURAL</b> 9-1318118-9
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Relation Type ▼

RELATIONSHIP

### Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)



Connectors - I/O Connector Contacts  
Dynamic Series I Dynamic 3000 Series

## DYNAMIC D-3 REC CONT. L/P 2L - 917511-3

TE INTERNAL NUMBER: 917511-3

✓ Active

Always EU RoHS/ELV Compliant

Contact Type **Socket**

Contact Mating Area Plating

Material **Gold**

Operating Voltage **250 VAC, 600 VAC**

Contact Retention **With**

Contact Retention Type **Locking**

**Lance**



### RELATIONSHIP

#### Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

#### PRODUCT - CONTACTS



Connectors - I/O Connector Contacts  
Dynamic Series I Dynamic 3000 Series

## DYNAMIC D-3 REC CONT L/P 2L - 1-917511-3

TE INTERNAL NUMBER: 1-917511-3

✓ Active

Always EU RoHS/ELV Compliant

Contact Type **Socket**

Contact Mating Area Plating

Material **Gold**

Operating Voltage **250 VAC, 600 VAC**

Contact Retention **With**

Contact Retention Type **Locking**

**Lance**



### RELATIONSHIP

#### Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

#### PRODUCT - CONTACTS



Connectors - I/O Connector Contacts  
Dynamic Series I Dynamic 3000 Series

## DYNAMIC D-3 REC CONT/M AU 0.76 - 175195-3

TE INTERNAL NUMBER: 175195-3

✓ Active

Always EU RoHS/ELV Compliant

Contact Type **Socket**

Contact Mating Area Plating

Material **Gold**

Operating Voltage **250 VAC, 600 VAC**

Contact Retention **With**

Contact Retention Type **Locking**

**Lance**

