



I/O CONNECTOR CONTACTS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

DYNA RECEP L SZ AWG20-16 LOW P

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

175196-2

TE Internal Number: 175196-2

Always EU RoHS/ELV Compliant

Contact Type **Socket**

Contact Mating Area Plating Material **Gold**

Operating Voltage (VAC) **250, 600**

Operating Voltage (VDC) **250, 600**

Contact Retention **With**

Contact Retention Type **Locking Lance**

Product Drawings

[L SIZE DYNAMIC SERIES REC. CONTACT](#)

PDF
English

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

[HTS Heavy Duty Connectors Catalogue](#)

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

[Instruction Sheet For Dynamic SF Drawer Rec. HSG](#)

PDF
Japanese

[Instruction Sheet For Dynamic SF Drawer Rec. HSG](#)

TIF
Japanese

Dynamic D-3800 Series With HTS Connector

PDF
Japanese

Dynamic D-3800 Series With HTS Connector

TIF
Japanese

DYNAMIC D-2600 SERIES HYBRID 48P CONN

PDF
Japanese

DYNAMIC D-2600 SERIES HYBRID 48P CONN

TIF
Japanese

Application Specification

DYNAMIC Series D-3, Crimp-In Type Contacts

TIF
Japanese

DYNAMIC Series D-3, Crimp-In Type Contacts

PDF
Japanese

Qualification Test Report

Dynamic D-3800 Series With HTS Connector

PDF
Japanese

Dynamic D-3800 Series With HTS Connector

TIF
Japanese

501-5682

PDF
Japanese

501-5682

TIF
Japanese

DYNAMIC D-3000 SERIES CONNECTOR

PDF
Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

EXTRACTION TOOL FOR DYNAMIC D-3000 SERIES

PDF
English

EXTRACTION TOOL FOR DYNAMIC D-3000 SERIES

TIF
English

MULTIPLE ENCLOSURE 67M D1200 15POS. REC PLUG

PDF
Japanese

MULTIPLE ENCLOSURE 67M D1200 15POS. REC PLUG

TIF
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

Connector System

Wire-to-Wire

Wire/Cable Type

Discrete Wire, Stranded

Product Type

Contact

Glow Wire Rating

Standard Part - Not Glow Wire

Applies To

Wire/Cable

Barrel Type

Open Barrel

Electrical Characteristics	Operating Voltage (VAC)	250, 600
	Operating Voltage (VDC)	250, 600
Contact Features	Contact Type	Socket
	Contact Mating Area Plating Material	Gold
	Contact Classification	Power, Signal
	Contact Base Material	Copper Alloy
	Contact Mating Area Plating Thickness	.38 μm [15 μin]
	Underplate Material Thickness	1.3 μm [51.18 μin]
	Underplate Material	Nickel
Termination Features	Termination Method to Wire/Cable	Crimp
Mechanical Attachment	Contact Retention	With
	Contact Retention Type	Locking Lance
Dimensions	Wire/Cable Size	.5 – 1.42 mm², 20 – 16 AWG
	Accepts Wire Insulation Diameter Range	1.8 – 2.8 mm [.071 – .11 in]
	Overall Length	17.8 mm [.7 in]
Usage Conditions	Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
Operation/Application	For Use With	Tab Contact
Identification Marking	Wire Range Mark	L
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

<p>I/O CONNECTOR CONTACTS</p>  <p>DYNAMIC D-3 TAB CONT. L 20-16</p>	<p>RECTANGULAR CONNECTOR HOUSINGS</p>  <p>DYNAMIC 3200 REC HSG</p>	<p>CRIMP QUICK DISCONNECTS</p>  <p>FASTON PREMIER RECPT ST</p>	<p>STANDARD RECTANGULAR CONNECTORS</p>  <p>DYNAMIC D-5 S/ROW</p>
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175286-2	6P Y 2-178128-6	170179-2	HDK ASY 4P H 2-917541-2
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Products - 49 Results

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Relation Type ▼

RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

	PRODUCT - HOUSINGS	<p>Connectors - Rectangular Connector Housings Dynamic Series I Dynamic 3000 Series</p> <p>DYNAMIC 3100 REC HSG 10P - 2-178288-8</p> <p>TE INTERNAL NUMBER: 2-178288-8</p> <p>✓ Active</p>	Always EU RoHS/ELV Compliant	
			<p>Connector System Wire-to-Board, Wire-to-Wire</p> <p>Insertion Force 9.8 Newton</p> <p>Centerline 3.81 mm</p> <p>Number of Positions 10</p> <p>Number of Rows 1</p>	

RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

	PRODUCT - HOUSINGS	<p>Connectors - Rectangular Connector Housings Dynamic Series I Dynamic 3000 Series</p> <p>DYNAMIC 3100 REC HSG 12P DBL - 178289-6</p> <p>TE INTERNAL NUMBER: 178289-6</p> <p>✓ Active</p>	Always EU RoHS/ELV Compliant	
			<p>Connector System Wire-to-Board, Wire-to-Wire</p> <p>Centerline 3.81 mm</p> <p>Row-to-Row Spacing 5.08 mm</p> <p>Number of Positions 12</p> <p>Number of Rows 2</p>	

RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

	PRODUCT - HOUSINGS	<p>Connectors - Rectangular Connector Housings Dynamic Series I Dynamic 3000 Series</p> <p>3.81 DYNAMIC REC HSG 5P - 1-178288-5</p>	Always EU RoHS/ELV Compliant	
			<p>Connector System Wire-to-Board, Wire-to-Wire</p>	



TE INTERNAL NUMBER: 1-178288-5

✓ Active

Insertion Force **9.8 Newton**

Centerline **3.81 mm**

Number of Positions **5**

Number of Rows **1**