



STANDARD RECTANGULAR CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
Japanese

↓ **3D PDF**

TE CONNECTIVITY (TE)

DYNAMIC D-5200 HDR ASSY 6P H X

[Dynamic Series](#) | [Dynamic 5000 Series](#)

1-179959-2

TE Internal Number: 1-179959-2

Always EU RoHS/ELV Compliant

Product Type **Connector**

Mating Alignment **With**

Mating Alignment Type **Keyed**

Mating Retention **With**

Mating Retention Type **Latch**

Product Drawings

[6 POS SINGLE ROW HORIZONTAL HDR ASS'Y < DYNAMIC D-5200 >](#)

PDF (**TIFF AVAILABLE**)
Japanese

[6 POS SINGLE ROW HORIZONTAL HDR ASS'Y < DYNAMIC D-5200 >](#)

PDF (**TIFF AVAILABLE**)
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
English

Catalog Pages/Data Sheets

[D4000 And D5000 Series Dynamic Connectors](#)

PDF
English

[1-1773732-4_DYNAMIC_SERIES_CATALOG_ENGLISH](#)

PDF
English

Product Specifications

Product Specification

[Dynamic Connector D-5000 Series](#)

PDF
English

[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.

Product Type Features	Product Type	Connector
	PCB Mounting Orientation	Right Angle
	Sealed	No
	Connector System	Wire-to-Board
	Shielded	No
	Insertion Force	Standard
	Connector Style	Plug
	Glow Wire Rating	Standard Part - Not Glow Wire
	Strain Relief	Without
	Series Number	5000
	Shrouded	Yes
	Connector Type	Header
	Applies To	Printed Circuit Board

Configuration Features	Number of Positions	6
	Number of Rows	1
	Preloaded	Yes
	Keying	X
	Selectively Loaded	No

Electrical Characteristics	Operating Voltage	630 VAC [630 VDC]
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Body Features	Header Type	Shrouded
	Sealable	No

Contact Features	Contact Plating Material	Gold
	Contact Current Rating (A)	30
	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
	Shunts/Shorting Bars	Without
	Contact Layout	Inline
Termination Features	Termination Method to PC Board	Through Hole - Solder
Mechanical Attachment	Mating Alignment	With
	Mating Alignment Type	Keyed
	Mating Retention	With
	Mating Retention Type	Latch
	PCB Mount Retention	With
	PCB Mount Retention Type	Retention Leg
	Contact Retention	Without
	PCB Mount Alignment	Without
	Lock Type	Latch
Housing Features	Centerline	10.16 mm [.4 in]
	Housing Material	Polyester GF
	Housing Color	Black
Dimensions	PCB Thickness (Recommended)	1.6 – 2.4 mm [.063 – .0945 in]
	Tail Length	3.8 mm [.149 in]
	Height	12.4 mm [.488 in]
	Width	32 mm [1.25 in]
	Length	70 mm [2.75 in]
Usage Conditions	Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
Operation/Application	For Use With	Receptacle Housing
	Assembly Integration Feature	Without
	Halogen Free	Yes
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

7

Packaging Method













Tube, Tube/Box

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

STANDARD RECTANGULAR CONNECTORS	STANDARD CIRCULAR I/O CONNECTORS	STANDARD RECTANGULAR CONNECTORS	RECTANGULAR POWER CONNECTORS
			
DYNAMIC 1500T HDR ASSY V 6P X BLACK GOLD 1-1827581-2	RECP ASSY DTS20W19-11PN	6-P POST HDR HORZ D-3100D 178303-2	08P MICRO MNL ASSY, VRT, THRU, LF 3-794681-8
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