



STANDARD RECTANGULAR CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
Japanese

↓ **3D PDF**

TE CONNECTIVITY (TE)

DYNAMIC HDR ASSY H 10P

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

1-178298-5

TE Internal Number: 1-178298-5

[Always EU RoHS/ELV Compliant](#)

Product Type **Connector**

Mating Alignment **With**

Mating Alignment Type **Keyed**

Mating Retention **With**

Mating Retention Type **Latch**

Product Drawings

[10 POS SINGLE ROW HORIZONTAL HDR ASS'Y FOR DYNAMIC 3100](#)

PDF ([TIFF AVAILABLE](#))

Japanese

[10 POS SINGLE ROW HORIZONTAL HDR ASS'Y FOR DYNAMIC 3100](#)

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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

[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_1-178298-5_04282014138_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	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	3100
	Shrouded	Yes
	Connector Type	Header
	Applies To	Printed Circuit Board
Configuration Features	Number of Positions	10
	Number of Rows	1
	Preloaded	Yes
	Keying	X
	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	Tin
	Contact Current Rating (A)	8
	Contact Style	Right Angle
	Contact Transmits (Typical)	Power, Signal (Data)

	Contact Termination (Typical)	Power/Signal (Pins)
	Shunts/Shorting Bars	Without
	Contact Layout	Inline
	Tail Plating Thickness	2 µm [78.74 µin]
	Multiple Contact Types	Without
	Contact Type	Tab
	Tail Plating Material	Tin
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	3.81 mm [.149 in]
	Housing Material	Polyester GF
	Housing Color	Black
Dimensions	PCB Thickness (Recommended)	1.6 mm [.063 in]
	Tail Length	3.8 mm [.149 in]
	Width	22.1 mm [.8 in]
	Length	48.29 mm [1.9 in]
	Height	9.35 mm [.368 in]
Usage Conditions	Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
Operation/Application	Assembly Integration Feature	Without
	Halogen Free	Yes
	For Use With	Receptacle Housing
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	10
	Packaging Method	Tube, Tube/Box

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)