+ CONNECTORS

STANDARD RECTANGULAR CONNECTORS

✔ Active

⬇ **PRODUCT DRAWING**
English

⬇ **3D PDF**

TE CONNECTIVITY (TE)

DYNAMIC D3 HDR ASSY V 20P

Dynamic Series | Dynamic 3000 Series

178328-5
TE Internal Number: 178328-5

Always EU RoHS/ELV Compliant

Product Type **Connector**

Mating Alignment **With**

Mating Alignment Type **Polarization**

Mating Retention **With**

Mating Retention Type **Latch**

Product Drawings

20 Pos Double Row Vertical Hdr Assy For Dynamic D-3100
PDF **(TIFF AVAILABLE)**
English

20 Pos Double Row Vertical Hdr Assy For Dynamic D-3100
PDF **(TIFF AVAILABLE)**
English

CAD Files

Customer View Model
2D_DXF.ZIP
English

Customer View Model
3D_IGS.ZIP
English

Customer View Model
3D_STP.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

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.

Product Type Features	Product Type	Connector
	PCB Mounting Orientation	Vertical
	Sealed	No
	Connector System	Wire-to-Board
	Shielded	No
	Insertion Force	Standard
	Row-to-Row Spacing	5.08 mm [.2 in]
	Connector Style	Plug
	Glow Wire Rating	Standard Part - Not Glow Wire
	Strain Relief	Without
	Series Number	3000
	Shrouded	Yes
	Connector Type	Header
	Applies To	Printed Circuit Board

Configuration Features	Number of Positions	20
	Number of Rows	2
	Preloaded	Yes
	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)	15
	Tail Plating Thickness	2 µm [78.74 µin]
	Multiple Contact Types	Without
	Contact Style	Straight
	Contact Type	Tab
	Tail Plating Material	Tin

	Tail Mating Material	...
	Contact Transmits (Typical)	**Power, Signal (Data)**
	Shunts/Shorting Bars	**Without**
	Contact Layout	**Matrix**

Termination Features	Termination Method to PC Board	**Through Hole - Solder**

Mechanical Attachment	Mating Alignment	**With**
	Mating Alignment Type	**Polarization**
	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]**
	Height	**21.6 mm [.85 in]**
	Width	**14.43 mm [.568 in]**
	Length	**48.29 mm [1.9 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	**10**
	Packaging Method	**Tube, Tube/Box**

Product Compliance

Statement of Compliance
PDF

VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT

STANDARD RECTANGULAR CONNECTORS	PCB TERMINALS	STANDARD RECTANGULAR CONNECTORS	PCB LATCHES, LOCKS & RETAINERS
DYNAMIC 3500 HDR ASSY 12P V	110 FAST TAB PCB 020TPCUBR	DYNAMIC 3100 HDR ASSY 6P V K/X	AMPMODU MOD IV LATCH for AMPLA
316516-5	61134-3	1-178316-5	1825851-1
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