



STANDARD RECTANGULAR CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

DYNAMIC 1200D HDR ASSY V 4P X BLACK GOLD

Dynamic Series | Dynamic 1000 Series

1-1827875-2

TE Internal Number: 1-1827875-2

Always EU RoHS/ELV Compliant

Product Type **Connector**

Mating Alignment **With**

Mating Alignment Type **Keyed**

Mating Retention **Without**

PCB Mount Retention **With**

Product Drawings

[DYNAMIC D1200D 2.5mmPITCH HDR ASSY \(V-TYPE\) 4-20POS](#)

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
3D

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

Catalog Pages/Data Sheets

[D1000 Series Dynamic Connectors](#)

PDF
English

[1-1773732-4_DYNAMIC_SERIES_CATALOG_ENGLISH](#)

PDF
English

Product Specifications

Product Specification

[DYNAMIC CONNECTOR D1000 SERIES GOLD PLATING](#)

PDF
Japanese

Application Specification

[CRIMPING DYNAMIC D1000 SERIES CONTACT](#)

PDF
Japanese

Qualification Test Report

[DYNAMIC CONNECTOR D1000 SERIES](#)

TIF
Japanese

[DYNAMIC CONNECTOR D1000 SERIES](#)

PDF
Japanese

Product Environmental Compliance

TE Material Declaration

[MD_1-1827875-2_101020142217_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	Vertical
	Sealed	No
	Connector System	Wire-to-Board
	Shielded	No
	Insertion Force	High
	Row-to-Row Spacing	3.3 mm [.1299 in]
	Connector Style	Plug
	Glow Wire Rating	Standard Part - Not Glow Wire
	Strain Relief	Without
	Series Number	1000
	Shrouded	Yes
	Connector Type	Header
	Applies To	Printed Circuit Board

Configuration Features	Number of Positions	4
	Number of Rows	2
	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	Gold
	Contact Current Rating (A)	5
	Tail Plating Thickness	2 μm [78.74 μm]

	Multiple Contact Types	Without
	Contact Style	Straight
	Contact Type	Tab
	Tail Plating Material	Tin
	Contact Transmits (Typical)	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	Keyed
	Mating Retention	Without
	PCB Mount Retention	With
	PCB Mount Retention Type	Retention Leg
	Contact Retention	Without
	PCB Mount Alignment	Without
Housing Features	Centerline	2.5 mm [.098 in]
	Housing Material	Polyester
	Housing Color	Black
Dimensions	PCB Thickness (Recommended)	1 – 1.6 mm [.039 – .063 in]
	Tail Length	3.05 mm [.149 in]
	Height	12.45 mm [.49 in]
	Width	9.35 mm [.368 in]
	Length	15.02 mm [.299 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 **61**

Packaging Method **Tube, Tube/Box**

Product Compliance [Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)