



+ CONNECTORS

STANDARD RECTANGULAR CONNECTORS



✓ Active

TE CONNECTIVITY (TE)

DYNAMIC 1900D HDR ASSY H-TYPE 8P

[Dynamic Series](#) | [Dynamic 1000 Series](#)

1-1871935-4

TE Internal Number: 1-1871935-4

[EU RoHS Compliant](#)

[EU ELV Compliant](#)

Connector System Wire-to-Board

Product Type Connector

Contact Current Rating (Max) (A) 1

Connector Style Plug

Mating Alignment With

[↓](#) **PRODUCT DRAWING**
Japanese

[↓](#) **3D PDF**

DOCUMENTATION

Product Drawings

DYNAMIC D1900D 3.5mm Pitch HDR ASSY (H-TYPE)

PDF [\(TIFF AVAILABLE\)](#)

Japanese

CAD Files

3D PDF

PDF

3D

Customer View Model

2D_DXF.ZIP

English

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Catalog Pages/Data Sheets

1-1773721-5_DYNAMIC_SERIES_QRG

PDF

English

1-1773732-4_DYNAMIC_SERIES_CATALOG_ENGLISH

PDF

English

Product Specifications

Product Specification

Dynamic Connector D-1900 Series

PDF

Japanese

Agency Approvals

UL Report

Terminal Block, D 1900 Dynamic Series Report

PDF

English

FEATURES



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-Board

Product Type Connector

Connector Style Plug

PCB Mounting Orientation Right Angle

Sealed No

Shielded No

Row-to-Row Spacing 3.3 mm [.129 in]

Shrouded Yes

Glow Wire Rating Standard Part - Not Glow Wire

Connector Type Header

Strain Relief Without

Series Number 1000

Configuration Features

Number of Positions 8
Number of Rows 2
Keying X
Connector Configuration Rectangular
Preloaded Yes
Selectively Loaded No

Electrical Characteristics

Operating Voltage (VAC) 150
Operating Voltage (VDC) 150

Body Features

Header Type Shrouded
Sealable No

Contact Features

Contact Current Rating (Max) (A) 1
Contact Plating Material Gold
Tail Plating Material Tin
Tail Plating Thickness 2 μm [78.74 μin]
Contact Type Tab
Contact Layout Matrix
Shunts/Shorting Bars Without
Multiple Contact Types Without
Contact Style Right Angle
Contact Transmits (Typical) Signal (Data)

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 (Pitch) (in) .137
Centerline (in) .137
Housing Color Black
Housing Material Polyester GF

Dimensions

Tail Length 3 mm [.149 in]
Width 14.8 mm [.582 in]
Length 19.8 mm [.779 in]
Height 11.8 mm [.464 in]
PCB Thickness (Recommended) 1 – 1.6 mm [.039 – .063 in]

Usage Conditions

Operating Temperature Range -30 – 105 °C [-22 – 221 °F]

Operation/Application

Assembly Integration Feature Without
For Use With Receptacle Housing
Halogen Free Yes

Industry Standards

UL Flammability Rating UL 94V-0
VDE Tested No
CSA Rating Certified
UL File Number E28476
CSA File Number LR7189
UL Rating Recognized
Agency/Standard CSA, UL

Packaging Features

Packaging Method Tube
Packaging Quantity 23

Statement of Compliance

Statement of Compliance
PDF