

## STANDARD RECTANGULAR CONNECTORS



✓ Active

TE CONNECTIVITY (TE)

### DYNAMIC D1100D HDR ASSY V 40P X YELLOW

Dynamic Series | Dynamic 1000 Series

3-1871056-0

TE Internal Number: 3-1871056-0

EU RoHS Compliant

EU ELV Compliant

Connector System Wire-to-Board

Product Type Connector

Contact Current Rating (Max) (A) 3

Connector Style Plug

Mating Alignment With

 **PRODUCT DRAWING**  
Japanese

## DOCUMENTATION

Product Drawings

### DYNAMIC 1100D 2.0mmPITCH HDR ASSY (V-TYPE) TIN PLATE-COLOR 22-40POS

PDF

Japanese

Catalog Pages/Data Sheets

### 1-1773732-4\_DYNAMIC\_SERIES\_CATALOG\_ENGLISH

PDF

English

Product Specifications

Product Specification

### DYNAMIC CONNECTOR D1000 SERIES TIN PLATE

PDF

Japanese

## 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** Vertical

**Sealed** No

**Shielded** No

**Insertion Force** Standard

**Row-to-Row Spacing** 3.3 mm [.1299 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** 40

**Number of Rows** 2

**Keying** X

**Preloaded** Yes

**Selectively Loaded** No

### Electrical Characteristics

**Operating Voltage (VAC)** 125

**Operating Voltage (VDC)** 125

### Body Features

**Header Type** Shrouded

**Sealable** No

### Contact Features

**Contact Current Rating (Max) (A)** 3

**Contact Plating Material** Pre-Tin

**Tail Plating Material** Tin

**Contact Type** Tab

**Contact Layout** Matrix

**Shunts/Shorting Bars** Without

**Multiple Contact Types** Without

**Contact Style** Straight

**Contact Transmits (Typical)** Signal (Data)

## Termination Features

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

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### 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

**Lock Type** Latch

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### Housing Features

**Centerline (Pitch) (in)** .079

**Centerline (in)** .079

**Housing Color** Yellow

**Housing Material** Polyester GF

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### Dimensions

**Tail Length** 3.05 mm [ .12 in ]

**Width** 11.3 mm [ .444 in ]

**Length** 42.6 mm [ 1.67 in ]

**Height** 12.45 mm [ .49 in ]

**PCB Thickness (Recommended)** 1 – 1.6 mm [ .039 – .063 in ]

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### Usage Conditions

**Operating Temperature Range** -55 – 105 °C [ -67 – 221 °F ]

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### Operation/Application

**Assembly Integration Feature** Without

**For Use With** Receptacle Housing

**Halogen Free** Yes

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### 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

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### Packaging Features

**Packaging Method** Tray/Box, Tube

**Packaging Quantity** 10

### Statement of Compliance

#### **Statement of Compliance**

