

**5552235-1**

✓ ACTIVE

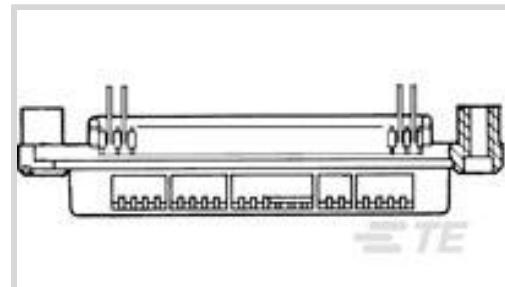
**CHAMP**

TE Internal #: 5552235-1

Receptacle, Cable-to-Board, 36 Position, 2.16 mm [.085 in]  
Centerline, 2 Row, Standard Profile, Vertical, Printed Circuit Board,  
PCB D-Sub Connectors

[View on TE.com >](#)

Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Receptacle Assembly: Vertical, 2.16mm



Connector & Housing Type: **Receptacle**

Connector System: **Cable-to-Board**

Number of Positions: **36**

Centerline (Pitch): **2.16 mm [.085 in]**

Number of Rows: **2**

[All D-Sub Receptacle Assembly: Vertical, 2.16mm \(5\)](#)

## Features

### Industry Standards

UL Flammability Rating	UL 94V-0
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### Termination Features

Rectangular Termination Post & Tail Width	.5 mm[.019 in]
Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	.18 mm

### Contact Features

Contact Underplating Material	Palladium Nickel
	30 $\mu$ in
Contact Options	Installed
Contact Mating Area Plating Material	Gold Flash, Gold
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin

### Packaging Features

Packaging Quantity	75
Packaging Method	Tray

### Operation/Application

Shielded	No
Circuit Application	Signal

### Mechanical Attachment

Mounting Feature Material	Thermoplastic
PCB Mount Retention	Without
Mating Retention	With
Mating Retention Type	Bail Lock, Screwlocks
Connector Mounting Type	Board Mount

### Body Features

Primary Product Color	Black
Connector Profile	Standard

### Dimensions

PCB Thickness (Recommended)	1.57 mm, 3.18 mm, 2.36 mm [.062 in] [.093 in] [.125 in]
Row-to-Row Spacing	4.3 mm [.169 in]

### Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	2.16 mm [.085 in]

### Product Type Features

Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Number of Positions	36
Number of Rows	2
PCB Mount Orientation	Vertical

### Usage Conditions

Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]
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### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

## Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com/compliance)>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

## Customers Also Bought



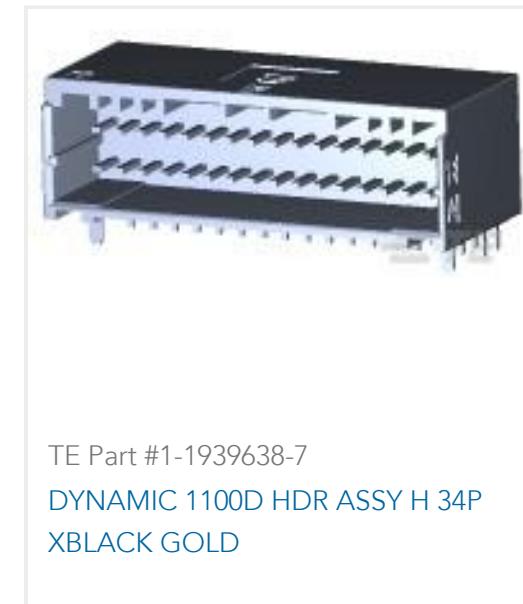
TE Part #552274-1  
ASSY, PLUG, 36 POS, B SLOT



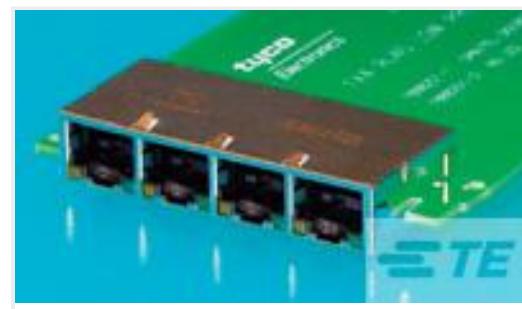
TE Part #6-1393211-5  
T92P7D12-12



TE Part #640456-2  
02P MTA100 HDR ASSY F/L SQ STR



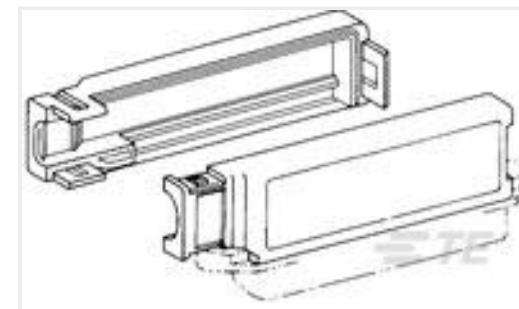
TE Part #1-1939638-7  
DYNAMIC 1100D HDR ASSY H 34P  
XBLACK GOLD



TE Part #1888251-2  
Low Profile, RJ45, 1x4, Bi-Color



TE Part #1888250-2  
Low Profile RJ45, 1x1, Bi-color



TE Part #3-552414-1  
90 DEG COVER KIT 36 POS BLK



TE Part #644753-2  
02P MTA156 HDR ASSY RN STR F/L



TE Part #171825-3  
POST HEADER ASSY EI SRS 3POS



TE Part #3-6450820-5  
MBXL VERT HDR 3ACP + 4S + 2P

## Documents

### Product Drawings

#### ASSY, RCPT, 36 POS, VERT MTG

English

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### CAD Files

#### 3D PDF

English

#### Customer View Model

[ENG\\_CVM\\_5552235-1\\_O.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_5552235-1\\_O.3d\\_jgs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_5552235-1\\_O.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Product Specifications

#### Application Specification

English