



**CHAMP**

TE Internal #: 5555139-2

24 Position D-Shaped Connector, Receptacle, Cable-to-Board,  
Panel Mount & Board Mount, 2.16 mm [.085 in] Centerline, Printed  
Circuit Board, Signal

[View on TE.com >](#)

Connectors > D-Shaped Connectors > D-Sub Shielded Receptacle Assembly: Right Angle, 2.16mm



Number of Positions: **24**

Connector & Housing Type: **Receptacle**

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

Connector Mounting Type: **Panel Mount & Board Mount**

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

[All D-Sub Shielded Receptacle Assembly: Right Angle, 2.16mm \(20\)](#)

**Features**

**Product Type Features**

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

**Configuration Features**

PCB Mount Orientation	Right Angle
Number of Rows	2
Number of Positions	24

**Body Features**

Shield Plating Material	Nickel over Copper
Shield Plating Finish	Bright
Shield Material	Die Cast Metal
Primary Product Color	Black



Connector Profile	Low
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### Contact Features

	30 $\mu$ m
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	3.5 A
Contact Options	Installed

### 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

### Mechanical Attachment

Mating Retention Type	Screwlocks
Panel Attachment Style	Rear Mount
PCB Mount Retention	With
Mating Retention	With
PCB Mount Retention Type	Boardlock
Connector Mounting Type	Panel Mount & Board Mount

### Housing Features

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

### Dimensions

Row-to-Row Spacing	4.3 mm[.169 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]

### Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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### Operation/Application

Shielded	Yes
Circuit Application	Signal

### Packaging Features

Packaging Quantity	10
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Packaging Method

Tube

### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU

Compliant with Exemptions

EU ELV Directive 2000/53/EC

Compliant with Exemptions

China RoHS 2 Directive MIIT Order No 32, 2016

Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JAN 2025 (247)

Candidate List Declared Against: JUNE 2024 (241)

SVHC > Threshold:

Pb (3.7% in Component Part)

**Article Safe Usage Statements:**

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

Wave solder capable to 265°C

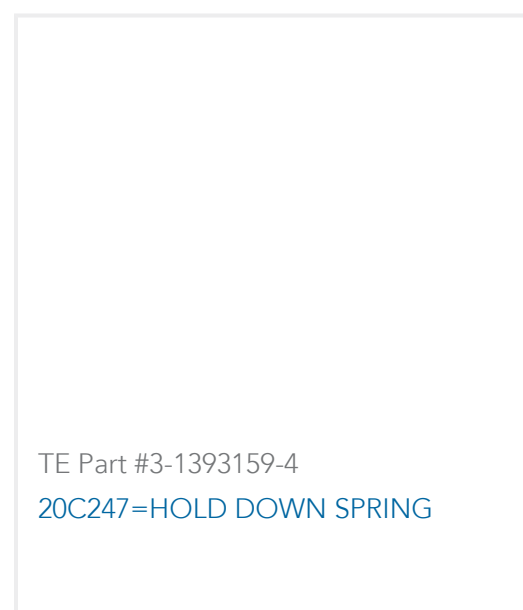
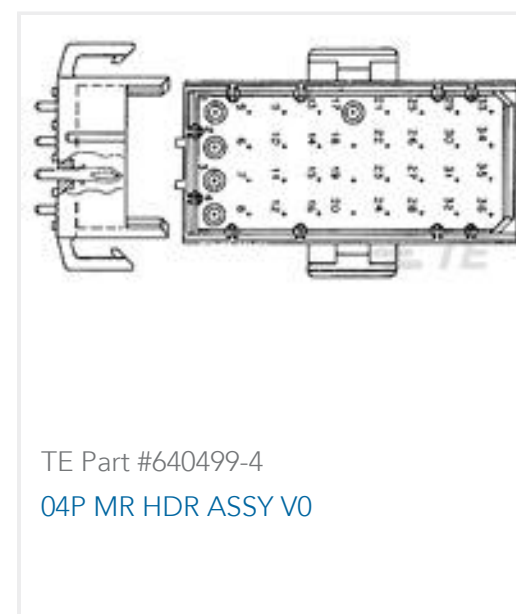
**Product Compliance Disclaimer**

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>

### Compatible Parts



### Customers Also Bought



## Documents

### Product Drawings

RCPT ASSY, LPF, 24 POS, R/TANG

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_5555139-2\\_A.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5555139-2\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5555139-2\\_A.3d\\_stp.zip](#)

English

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

## Product Specifications



## Application Specification

English