

6339447-7 ✓ ACTIVE

## CHAMP

TE Internal #: 6339447-7

50 Position D-Shaped Connector, Receptacle, Cable-to-Board,  
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: 50

Connector & Housing Type: **Receptacle**

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

Connector Mounting Type: **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

Number of Positions	50
Number of Rows	2
PCB Mount Orientation	Right Angle

### Body Features

Assembly Process Feature Material	Carbon Steel
Shield Plating Material	Nickel
Shield Plating Finish	Bright
Shield Material	Copper-Zinc Alloy



Connector Profile	Standard
<b>Contact Features</b>	
	30 µin
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
<b>Termination Features</b>	
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	2.29 mm[.09 in]
<b>Mechanical Attachment</b>	
Assembly Process Feature Plating Material	Tin
Connector Mounting Type	Board Mount
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Mating Retention Type	4-40 Tapped Holes
<b>Housing Features</b>	
Housing Material	Polyester GF
Centerline (Pitch)	2.16 mm[.085 in]
<b>Dimensions</b>	
	.062 in
Panel Thickness (Recommended)	1.57 mm[.062 in]
Row-to-Row Spacing	4.3 mm[.169 in]
<b>Usage Conditions</b>	
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
<b>Operation/Application</b>	
Shielded	Yes
Circuit Application	Signal

## Packaging Features

Packaging Quantity	40
Packaging Method	Package

## Product Compliance

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

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 2025 (250) Candidate List Declared Against: JAN 2025 (247) 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>

## Compatible Parts



## Customers Also Bought



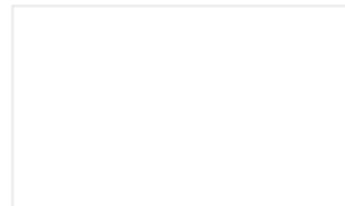
TE Part #2007263-1  
SFP+ 1x2 Cage Assembly



TE Part #2178531-2  
CROWN CLIP JUNIOR CONNECTOR



TE Part #2204167-1  
MBXLE R/A RCPT,A/C PASS THRU  
4ACP+12S+3P



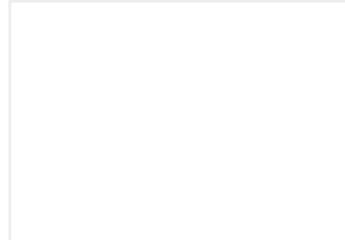
TE Part #2369315-2  
16G 05FH 4H rec assy 440POS 30u" Au



TE Part #2459600-1  
SFP112G STACKED RECEPTACLE  
CONNECTOR



TE Part #5406203-1  
MJ ASSY,4P,8POS,SH,CAT5,NS P/O



TE Part #6-1775855-4  
RJ45 OVER USB W/ LED G/Y 50u" Au



TE Part #2159942-1  
CA POWER CORDE



TE Part #2274270-7  
zSFP+ STACKED 2X8 RECEPTACLE  
ASSEMBLY



TE Part #2301210-1  
ZSFP+ STACKED 2X12 RCPT ASSY,  
EMI SPRING

## Documents

### Product Drawings

[RCPT ASSY,LP,SHLD,RA50,STD](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_6339447-7\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6339447-7\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6339447-7\\_B.3d\\_stp.zip](#)

English

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## Product Specifications



## Application Specification

English

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## Agency Approvals

UL

English