

5555149-1 ✓ ACTIVE

CHAMP

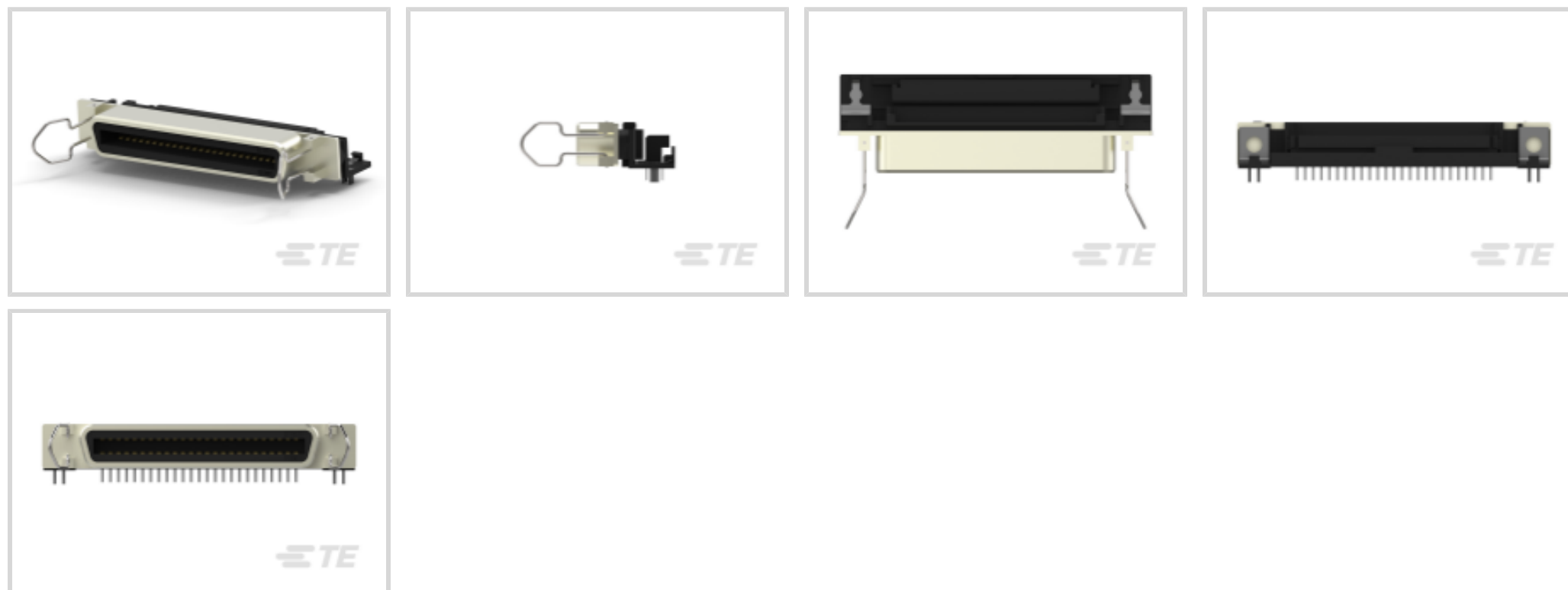
TE Internal #: 5555149-1

PCB D-Sub Connectors, Receptacle, Cable-to-Board, 50 Position,
2.16 mm [.085 in] Centerline, 2 Row, Low Profile, Right Angle, PCB
Mount Retention

[View on TE.com >](#)



Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Shielded Recpt Assy: RA, 2.16mm



Connector & Housing Type: **Receptacle**

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

Number of Positions: **50**

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

Number of Rows: **2**

[All D-Sub Shielded Recpt Assy: RA, 2.16mm \(21\)](#)

Features

Product Type Features

Grounded	Yes
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Shielded	Yes
Orientation	Standard
Product Type	Connector

Configuration Features

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



Body Features

Ground Bracket Plating Material	Tin
Ground Bracket Material	Carbon Steel
Shield Plating Finish	Bright
Connector Profile	Low
Color	Black
Plating Material	Polyester
Shield Material	Zinc
Shield Plating Material	Nickel over Copper

Contact Features

Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	3.5 A
	30 μ in

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Panel Attachment Style	Rear Mount
Bail-Clip Material	Stainless Steel
Bail-Clip Finish	Passivated
Panel Mount Feature	With
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Mating Retention Type	Bail Lock
Connector Mounting Type	Board Mount
Screw Size	14702
	.128 in

Housing Features

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



Housing Color	Black
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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

Circuit Application	Signal
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Packaging Features

Packaging Method	Box
Packaging Quantity	270

Other

Comb Material	Polyester
Comment	Compatible with IBM PC AT and PC XT., Maximum PC Board Thickness 1.57 [.062], SCSI- Applicable.

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 2022 (224) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Not Yet Reviewed
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



TE Part # 229974-1
ASSY, PLUG, 50 POS, B SLOT

Customers Also Bought



TE Part #2176070-8
3521 20R 1% 2W



TE Part #5227161-2
RTANG JK W/MTG PINS, BNC PCB



TE Part #103308-1
010 LOPRO HDR SP 15DP



TE Part #103308-5
020 LOPRO HDR SP 15DP



TE Part #146839-3
CF HDR,SMT,50P,VERT,TYPE 1,LEAD FREE



TE Part #2041262-1
Mini PCI-E 6.8H G/F



TE Part #9-1879333-0
CPF0402 180K 0.1% 25PPM 5K RL



TE Part #2176331-1
CRGP 2512 10R 1%



TE Part #6-1625892-3
3W SM M/OX 5% 62R



TE Part #2-382811-0
ECONOMY SHUNT, 30 AU BLACK

Documents

[Product Drawings](#)



RCPT ASSY,LPF,RTANG,50 POSN

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5555149-1_O.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5555149-1_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5555149-1_O.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English

Agency Approvals

[CSA Certificate](#)

English