

68 50SR VRT RCPT,FL TOP,ACT PN

✓ ACTIVE

AMPLIMITE | AMPLIMITE 0.50 Series

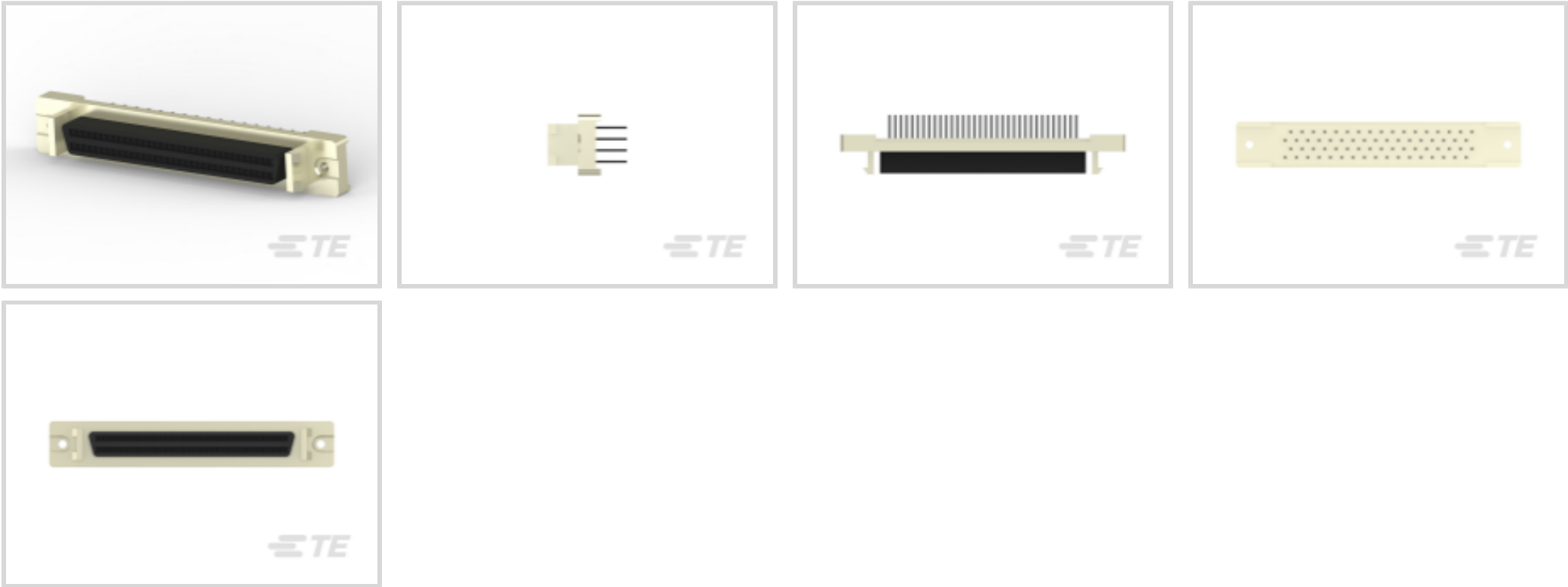
TE Part # 5786555-7

TE Internal #: 5786555-7

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Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors



Connector Style: **Receptacle**

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

Number of Positions: **68**

Centerline (Pitch): **1.27 mm [.05 in]**

Number of Rows: **4**

Features

Product Type Features

Grounding Indents	Without
Grounded	No
Grounding Straps	Without
Shell Type	Full Metal Shell
Connector Style	Receptacle
Connector System	Cable-to-Board
Row-to-Row Spacing	.1 in, 2.54 mm
Profile	Standard
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Shielded	Yes
Connector Type	Connector Assembly
Product Type	Connector

Configuration Features

Number of Positions	68
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Number of Rows	4
PCB Mount Orientation	Vertical

Body Features

Bracket Material	Zinc
Bracket Plating Material	Nickel over Copper
Post Plating Material	Tin over Nickel
Shell Plating Material	Nickel over Copper
Shell Material	Carbon Steel

Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	1 A
	30 µin
Contact Mating Area Plating Material	Gold

Termination Features

Grounding Clips	Without
Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post Length	4.39 mm[.173 in]

Mechanical Attachment

PCB Mount Alignment	Without
PCB Mounting Style	Through Hole
PCB Mount Retention	With
PCB Mount Retention Type	Action/Compliant Tail
Mating Connector Lock	With
Mating Connector Lock Type	Screwlocks
Connector Mounting Type	Board Mount
Mating Retention	With
Mating Retention Type	Mounting Screw
Mating Alignment	Without
Mounting Hole Diameter	3.18 mm[.125 in]

Housing Features

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Centerline (Pitch)	1.27 mm[.05 in]
Housing Material	Polyphthalamide
Housing Color	Black

Dimensions

PCB Thickness (Recommended)	1.57 – 2.36 mm[.062 – .093 in]
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

Approved Standards	LR-86179-1, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tube
Packaging Quantity	8

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: JAN 2019 (197) Candidate List Declared Against: JAN 2018 (181)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability


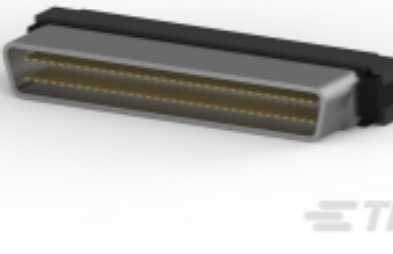

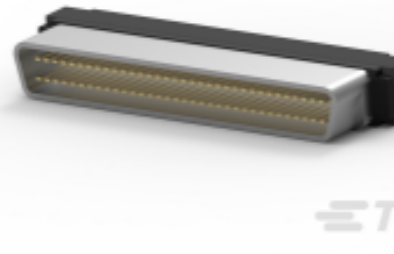
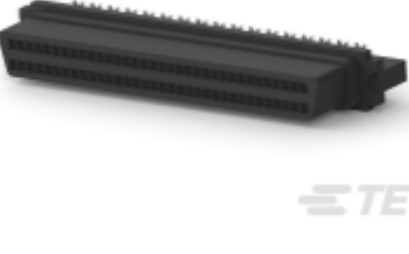
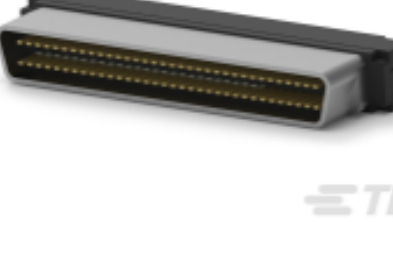

Product Compliance Disclaimer

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

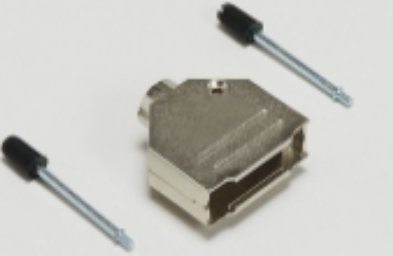



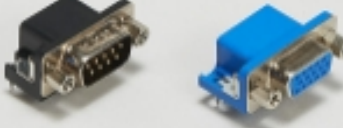


as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

 TE Part # 5749210-7 68 50SR CABLE RCPT ASSY	 TE Part # 5749111-6 68 50SR CABLE PLUG ASSY	 TE Part # 5-749878-7 68 50SR PNL MNT PLUG ASSY, ROHS	 TE Part # 5749621-7 68 50S CABLE PLUG CONN/COV KIT
 TE Part # 5749699-7 68 50SR CABLE RCPT KIT	 TE Part # 1-5750913-7 68 50SR CABLE CONN KIT	 TE Part # 5750913-7 68 50SR CABLE CONN KIT	

Also in the Series | **AMPLIMITE 0.50 Series**

 D-Sub Backshells & Clamps (32)	 D-Sub Covers(20)	 D-Sub Locking & Mounting (9)	 IDC D-Sub Connectors(78)
 PCB D-Sub Connectors (212)			

Customers Also Bought

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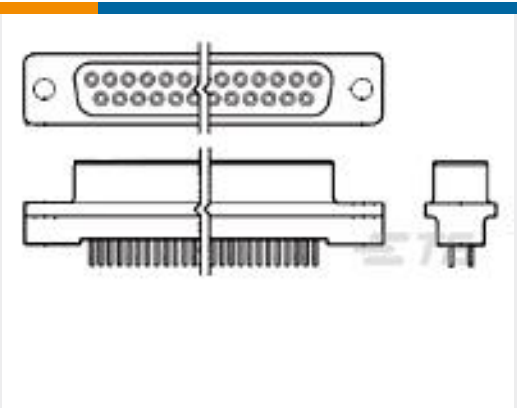
TE Part #5222092-3
JACK,RTANG,PCB,75
OHM,BNC



TE Part #5536010-5
ASSY,PIN,EUROCARD,
TYPE C,LEAD-



TE Part #535074-2
EURO SHROUD 96 POS



TE Part #5745077-6
HD-20 RCPT 15P VERT
FFSCRLK



TE Part #1-87224-0
10 MODII HDR SRST
UNSHRD .100



TE Part #786555-7
68 50SR VRT RCPT,FL TOP,
ACT PN



TE Part #5786555-5
50 50SR VRT RCPT,FL TOP,
ACT PN

Documents

Product Drawings

68 50SR VRT RCPT,FL TOP,ACT PN

English

CAD Files

Customer View Model

ENG_CVM_5786555-7_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_5786555-7_O.3d_igs.zip

English

Customer View Model

ENG_CVM_5786555-7_O.3d_stp.zip

English

3D PDF

English

Datasheets & Catalog Pages

AMPLIMITE Subminiature D Connectors - .050 Series Connector

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

