

5788796-3

✓ ACTIVE

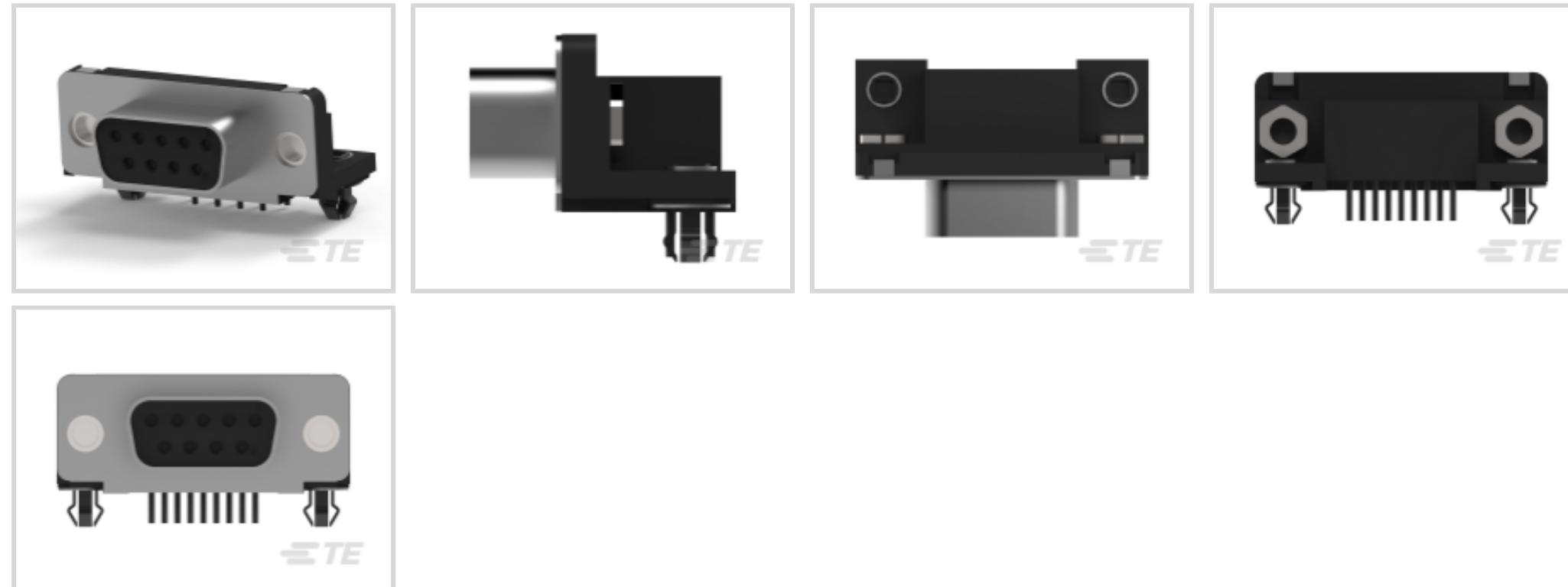
AMPLIMITE

TE Internal #: 5788796-3

Receptacle, Board-to-Board, 9 Position, 2.74 mm [.108 in]
Centerline, 2 Row, Shell Size 1, Round, Standard Profile, Right
Angle, PCB D-Sub Connectors

[View on TE.com >](#)

Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Receptacle Assembly: Right Angle, Shell Size 1, 2.74mm



Connector & Housing Type: **Receptacle**

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

Number of Positions: **9**

Centerline (Pitch): **2.74 mm [.108 in]**

Number of Rows: **2**

[All D-Sub Receptacle Assembly: Right Angle, Shell Size 1, 2.74mm \(77\)](#)

Features

Industry Standards

UL Flammability Rating	UL 94V-0
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Termination Features

Termination Post & Tail Diameter	.63 mm [.025 in]
Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.18 mm [.125 in]

Packaging Features

Packaging Quantity	17
Packaging Method	Tube, Box & Tube

Mechanical Attachment

Mating Retention Feature Plating Material	Clear Chromate
Mounting Feature Plating Material	Tin
Mounting Feature Material	Brass

Mounting Hole Diameter	.1 mm
Mating Alignment	With
PCB Mount Alignment	With
Assembly Process Feature Plating Material	Tin
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Mating Retention Type	Threaded Inserts
Connector Mounting Type	Board Mount

Body Features

Assembly Process Feature Material	Copper Alloy
Insert Material	Zinc
Shell Plating Material	Tin
Mating Retention Feature Material	Zinc
Primary Product Color	Black
Connector Profile	Standard

Contact Features

Contact Underplating Material	Nickel
	30 μ in
Contact Options	Installed
Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Shape & Form	Round
Contact Current Rating (Max)	6 A

Dimensions

PCB Thickness (Recommended)	1.57 mm [.062 in]
Row-to-Row Spacing	2.84 mm [.112 in]

Housing Features

Housing Material	Thermoplastic
Shell Material	Steel
Centerline (Pitch)	2.74 mm [.108 in]

Product Type Features

Ground Feature Type	Grounding Straps
Shell Material Configuration	Front Metal Shell
Connector & Housing Type	Receptacle
Connector System	Board-to-Board
Connector Shell Size	1
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	9
Number of Rows	2
PCB Mount Orientation	Right Angle

Usage Conditions

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

Circuit Application	Signal
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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>

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>

Compatible Parts



TE Part # CAT-AM7-H3
IDC D-Sub: Plug Assembly, Low Profile, Signal, 2.77 mm



TE Part # CAT-AM7-248H3
IDC D-Sub: Plug Assembly, Wire to Wire, Signal, 2.77 mm

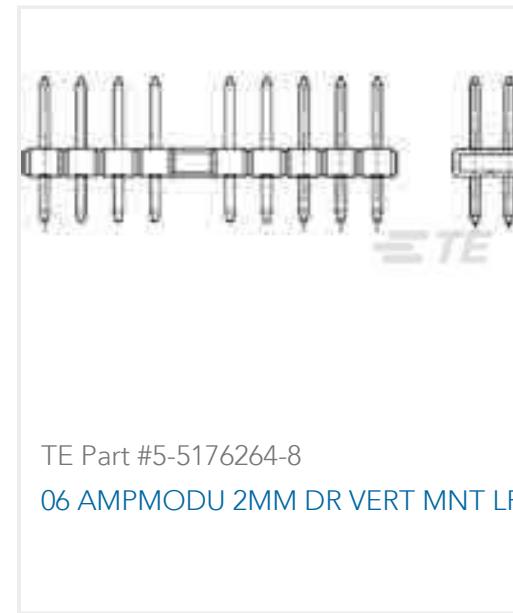


TE Part # CAT-AM7-248H4
IDC D-Sub: Connector Kit, Plug, Wire to Wire, Signal, 2.77 mm

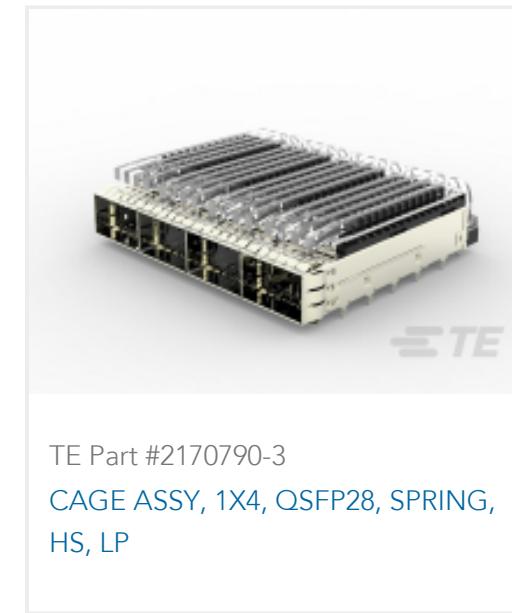
Customers Also Bought



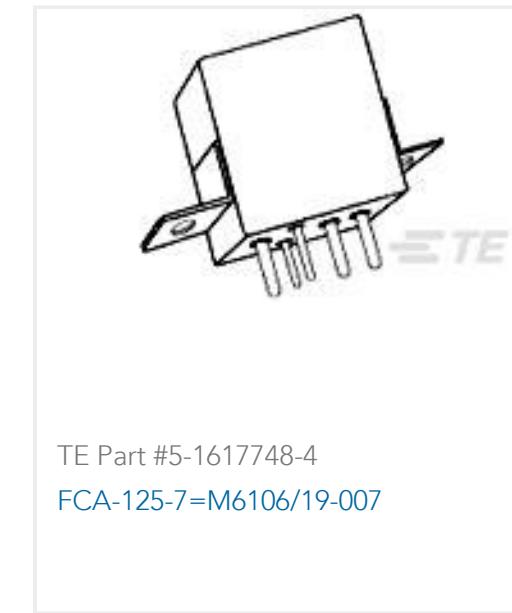
TE Part #8-1879337-8
CPF 0603 20K 1% 50PPM 1K RL



TE Part #5-5176264-8
06 AMPMODU 2MM DR VERT MNT LF



TE Part #2170790-3
CAGE ASSY, 1X4, QSFP28, SPRING, HS, LP



TE Part #5-1617748-4
FCA-125-7=M6106/19-007



TE Part #2372928-2
QSFP112 Receptacle Assembly, Au, Washer



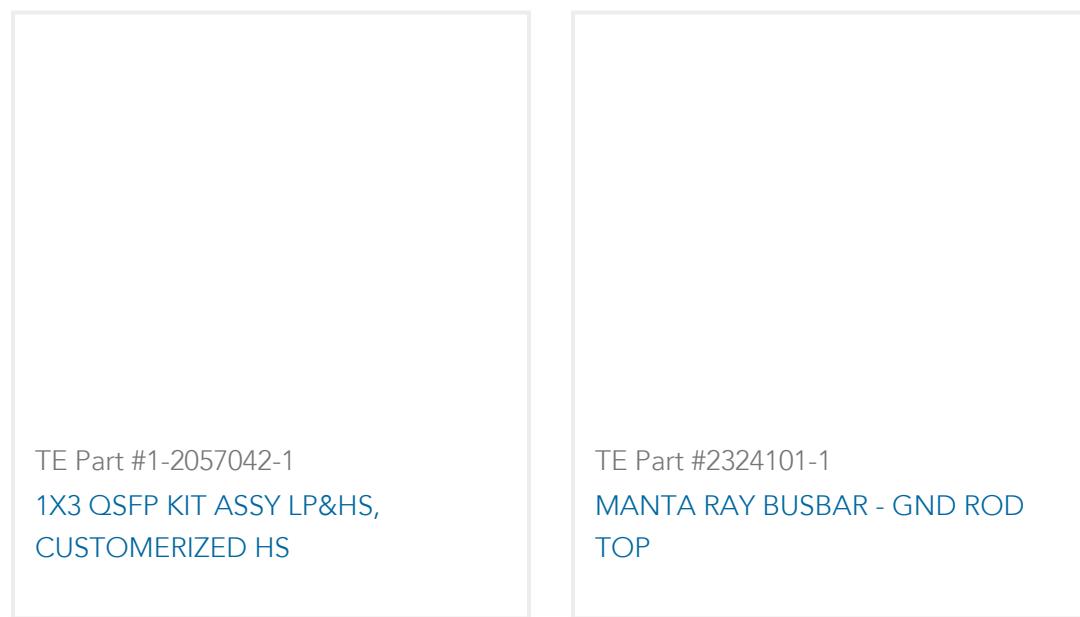
TE Part #1-6600393-2
MBXL VERT HDR 4P STR



TE Part #2320645-1
CAGE ASSEMBLY, 1X2, QSFP28, SPRING, HS, 8LP



TE Part #CT56603001
55A1121-22-0/9-9CK0001



Documents

Product Drawings

09 HTMSFL ASSY RA 318 (IN, BL)

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5788796-3_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5788796-3_A.3d_jgs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5788796-3_A.3d_stp.zip](#)

English

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Product Specifications

Product Specification

English

Agency Approvals

UL Report

English