

5788796-3 ✓ ACTIVE



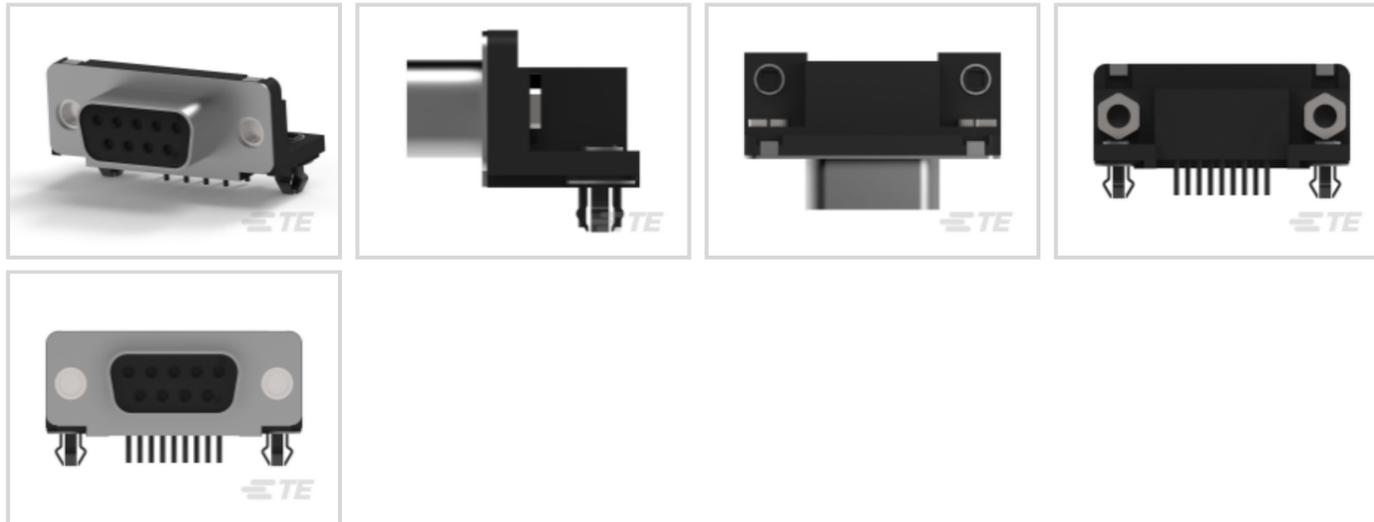
## AMPLIMITE

TE Internal #: 5788796-3

9 Position D-Shaped Connector, Receptacle, Board-to-Board,  
Board Mount, 1 Shell Size, 2.74 mm [.108 in] Centerline, Printed  
Circuit Board, Signal

[View on TE.com >](#)

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



Number of Positions: 9

Connector & Housing Type: Receptacle

Connector System: Board-to-Board

Connector Mounting Type: Board Mount

Connector Shell Size: 1

[All D-Sub Receptacle Assembly: Right Angle, Shell Size 1, 2.74mm \(64\)](#)

## Features

### 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

### 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

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

### 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]

### 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
Connector Mounting Type	Board Mount
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Mating Retention Type	Threaded Inserts

### Housing Features

Housing Material	Thermoplastic
------------------	---------------



Shell Material	Steel
----------------	-------

Centerline (Pitch)	2.74 mm [.108 in]
--------------------	-------------------

### Dimensions

PCB Thickness (Recommended)	1.57 mm [.062 in]
-----------------------------	-------------------

Row-to-Row Spacing	2.84 mm [.112 in]
--------------------	-------------------

### Usage Conditions

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

### Operation/Application

Circuit Application	Signal
---------------------	--------

### Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

### Packaging Features

Packaging Quantity	17
--------------------	----

Packaging Method	Box & Tube, Tube
------------------	------------------

## 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 2025 (247) 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



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



TE Part # 1-747944-5  
09 SHLDG ENCL PLUG, LEAD FREE



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

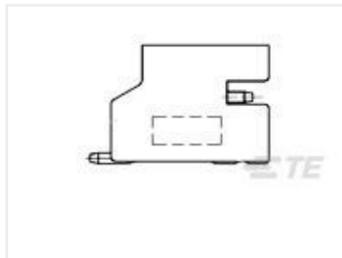
## Customers Also Bought



TE Part # CAT-3980407-RHDRRA  
CT 2mm Header Assembly: Right Angle



TE Part # 1393249-9  
W58-XB1A4A-15=W58



TE Part # 1775469-2  
HPI CONN., 2.0MM, R/A, SMT, 2P, 80U"



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



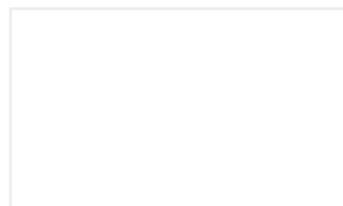
TE Part # 1981568-1  
MICRO USB, TYPE B,



TE Part # 1-2176094-8  
RP 2A 0.25W 178K 0.1% 25PPM 1K RL



TE Part # 5520258-2  
MJ, TE, 6P/4C, PNL STOPS, TRAY P



TE Part # 20012761-00  
COMB. AIR-LIQUID-PT100-PROBE  
M14 CLASS B

## 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\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_5788796-3\\_A.3d\\_stp.zip](#)

English

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

---

**Product Specifications**

[Product Specification](#)

English

---

**Agency Approvals**

[UL Report](#)

English