

5-338313-2 ✓ ACTIVE



AMPLIMITE

TE Internal #: 5-338313-2

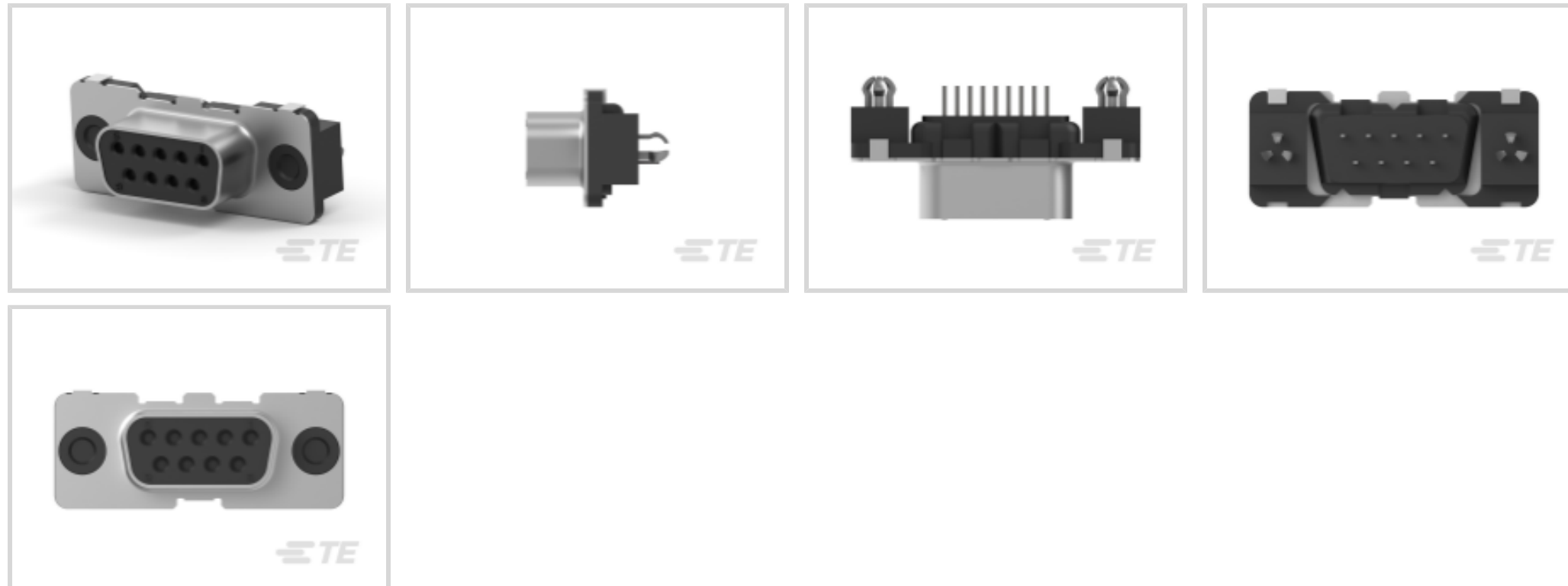
Receptacle, Cable-to-Board, 9 Position, 2.74 mm [.108 in]

Centerline, 2 Row, 1 Connector Shell Size, Round, Standard Profile,

PCB D-Sub Connectors

[View on TE.com >](#)

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



Connector & Housing Type: **Receptacle**

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

Number of Positions: **9**

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

Number of Rows: **2**

[All D-Sub Receptacle Assembly: Vertical, Shell Size 1, 2.74mm \(58\)](#)

Features

Contact Features

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

Product Type Features

Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector Shell Size	1
Connector & Contact Terminates To	Printed Circuit Board



Shell Material Configuration	Front Metal Shell
------------------------------	-------------------

Configuration Features

Number of Positions	9
Number of Rows	2
PCB Mount Orientation	Vertical

Housing Features

Centerline (Pitch)	2.74 mm [.108 in]
Housing Material	Glass-Filled Polyester
Shell Material	Steel

Dimensions

Row-to-Row Spacing	2.84 mm [.112 in]
PCB Thickness (Recommended)	1.6 mm [.063 in]

Body Features

Connector Profile	Standard
Assembly Process Feature Material	Phosphor Bronze
Shell Plating Material	Tin
Primary Product Color	Black

Mechanical Attachment

PCB Mount Retention	Without
Mating Retention	Without
Mating Retention Type	Threaded Insert, 4-40 UNC
Connector Mounting Type	Board Mount
Mounting Hole Diameter	5 mm
Assembly Process Feature Plating Material	Tin

Operation/Application

Circuit Application	Signal
Durability Rating	200 Cycles
Shielded	No

Usage Conditions

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

Other



EU RoHS Compliance	Compliant
--------------------	-----------

EU ELV Compliance	Compliant
-------------------	-----------

Termination Features

Rectangular Termination Post & Tail Width	.45 mm[.017 in]
---	-----------------

Rectangular Termination Post & Tail Thickness	.32 mm[.012 in]
---	-----------------

Termination Method to PCB	Through Hole - Solder
---------------------------	-----------------------

Termination Post & Tail Length	3.2 mm[.126 in]
--------------------------------	-----------------

Industry Standards

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

Compatible With Approved Standards Products	DIN 41652
---	-----------

Packaging Features

Packaging Quantity	55
--------------------	----

Packaging Method	Tray
------------------	------

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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
-----------------	---

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

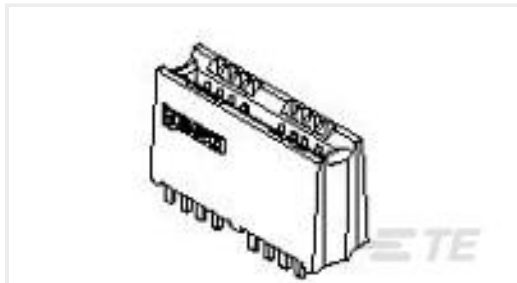


TE Part # CAT-AM7-248H4
IDC D-Sub: Connector Kit, Plug, Wire to Wire, Signal, 2.77 mm



TE Part # 206509-1
SIZE 20 KEYING PLUG

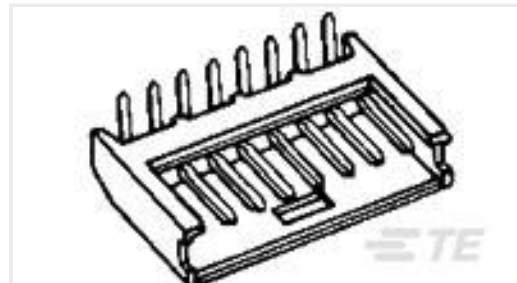
Customers Also Bought



TE Part #6650534-1
287-0022-11300=TA CONN,SKT,COM



TE Part #826632-5
5P AMPMODU II PIN HDR



TE Part #280378-2
4P MODU II SHRD HDR, RT ANG, 0.38 AU



TE Part #2173239-1
1x3 Cage Assy Bhnd Bzl QSFP28 AU



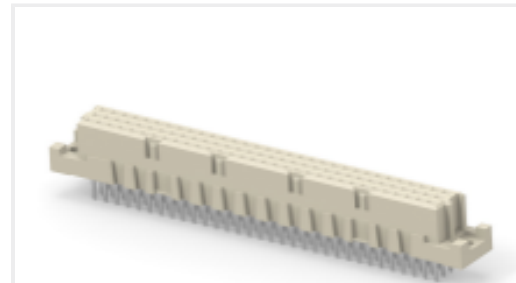
TE Part #6651214-1
286-0022-12100=CONN,SKT, CRNEDGE



TE Part #9-1734774-1
PCI EXP 2.3L 36 POS BLK 30u"



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



TE Part #224408-E
STVC 96 F ABC VVW 7-00 EE 5,5 * 247 E007



TE Part #2311768-1
AMPL REC, HD22, R/A, 26P, THREADED

Documents

Product Drawings
9POS.HD-20 REC.ASSY

English



CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5-338313-2_E_c-5-338313-2-e.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-338313-2_E_c-5-338313-2-e.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-338313-2_E_c-5-338313-2-e.3d_stp.zip](#)

English

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