1-5748831-1 × OBSOLETE

AMPLIMITE | AMPLIMITE HD-20

TE Internal #: 1-5748831-1

TE Internal Description: HD-22 RCPT 78P VERT 30 DPLX BDLK /FFSCRLK

View on TE.com >

Connectors > D-Shaped Connectors



Number of Positions: **78**

Connector & Housing Type: **Receptacle**

Connector Shell Size: **5**

Centerline (Pitch): **2.4 mm**

Connector & Contact Terminates To: **Printed Circuit Board**

Features

Product Type Features

Shell Material Configuration	Front Metal Shell
Connector & Housing Type	Receptacle
Connector Shell Size	5
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	78
Number of Rows	4
PCB Mount Orientation	Vertical

Body Features

Shell Plating Material	Nickel
Primary Product Color	Black

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 Options	Installed

Termination Features

Termination Post & Tail Length	3.18 mm[.125 in]
Square Termination Post & Tail Dimension	.5 mm[.019 in]

Mechanical Attachment

Mounting Hole Diameter	3.07 mm
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Mating Retention Type	Threaded Insert, 4-40 UNC

Housing Features

Housing Material	PBT GF
Shell Material	Steel
Centerline (Pitch)	2.4 mm

Dimensions

PCB Thickness (Recommended)	2.36 mm[.093 in]

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tray
Packaging Quantity	400

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
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 2025 (250) Candidate List Declared Against: JUN 2013 (144) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.

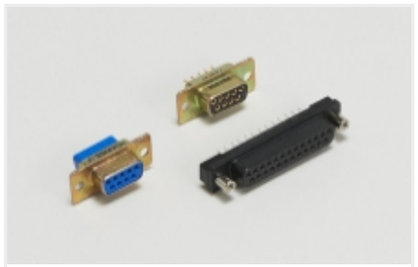
Solder Process Capability

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 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.

Also in the Series | AMPLIMITE HD-20



D-Shaped Connectors(285)

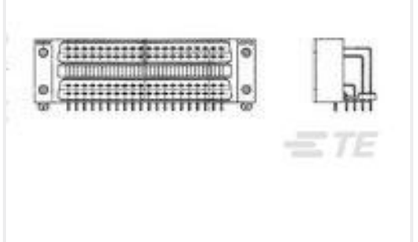


PCB D-Sub Connectors(285)

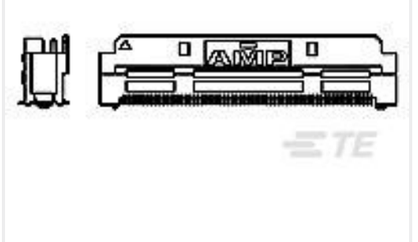
Customers Also Bought



TE Part #ASA021N00210235000
623 PLUG



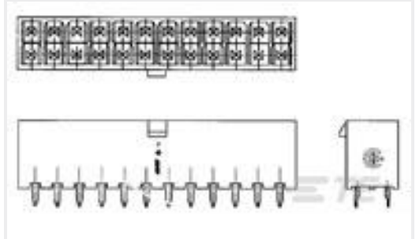
TE Part #900412-2
PC I/O RETENTION LEG ASSY 80P



TE Part #1123677-1
Z-STACK TYPE F16 ASSY 130P



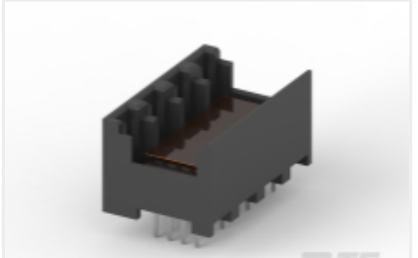
TE Part #1473226-1
SOCKET WITH RING MINI U-M-N-L



TE Part #2-1586038-2
22P VRT HDR VAL-U-LOK V0



TE Part #2229093-1
MOD JACK ASSEMBLY V-TYPE H=21.7mm



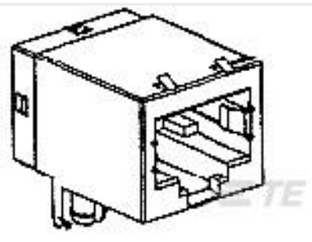
TE Part #2309223-1
RITS CONN.HDR ASSY 4ROW 4P THR W TAPE



TE Part #1-2349815-2
D3950 REC 8POSN. 1ROW X KEY MARKED



TE Part #5176371-4
VERT RCPT ASSY,100POS,CHAMP050



TE Part #5558342-3
MJ,8POS,R/A,CAT5,SHLD,PC GND

Documents

CAD Files

Customer View Model

ENG_CVM_1-5748831-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_1-5748831-1_A.3d_stp.zip

English

Customer View Model

ENG_CVM_1-5748831-1_A.2d_dxf.zip

English

3D PDF

English

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Product Specifications

Application Specification

English