

1-5748831-1 **x** OBSOLETE

AMPLIMITE

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 > D-Sub Connectors > PCB D-Sub Connectors



Connector & Housing Type: **Receptacle**

Number of Positions: **78**

Centerline (Pitch): **2.4 mm**

Number of Rows: **4**

D-Sub Shell Size: **5**

Features

Product Type Features

Grounding Indents	Without
Grounding Straps	Without
Shell Type	Front Metal Shell
Connector & Housing Type	Receptacle
D-Sub Shell Size	5
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Product Type	Connector

Configuration Features

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

Body Features

Plastic	No
Shell Material	Steel
Shell Plating Material	Nickel
Post Size	.5 mm[.019 in]

Contact Features



Contact Mating Area Plating Material	Gold
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Shape & Form	Round
	30 µin

Termination Features

Grounding Clips	Without
Termination Post Length	3.18 mm[.125 in]

Mechanical Attachment

Panel Mount Feature	Without
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Mating Retention Type	Threaded Insert, 4-40 UNC
Mounting Hole Diameter	3.07 mm

Housing Features

Centerline (Pitch)	2.4 mm
Housing Material	PBT GF
Housing Color	Black

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

Other

Comment	All connectors are preloaded with size 22 DF posted contacts
---------	--------------------------------------------------------------

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 2022 (224) 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.

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

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



[Product Specifications](#)

[Application Specification](#)

English