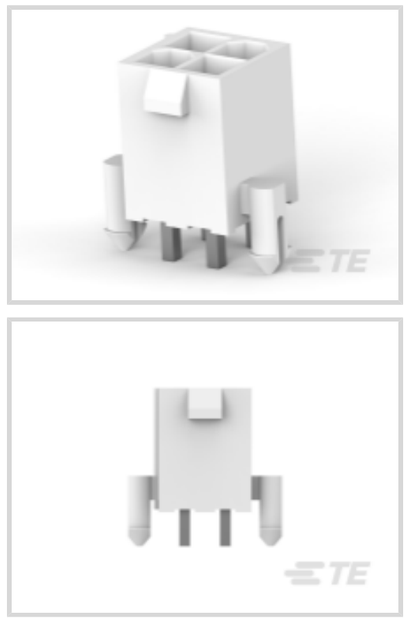
2825261-4 ✔ ACTIVE

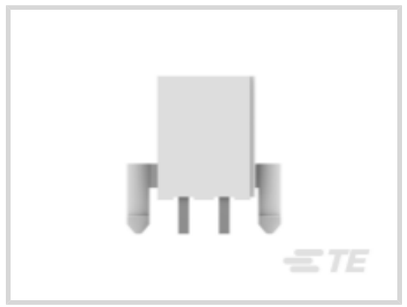
TE Internal #: 2825261-4

PCB Mount Header, Vertical, Wire-to-Board, 4 Position, 4.2 mm [.165 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Power, Natural, Tray

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

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

Number of Positions: **4**

Number of Rows: **2**

Centerline (Pitch): **4.2 mm [.165 in]**

Features

Product Type Features

Connector Shape	Rectangular
PCB Connector Assembly Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Power Positions	4
Number of Loaded Positions	4
Number of Positions	4
Number of Rows	2
PCB Mount Orientation	Vertical

Electrical Characteristics

Operating Voltage	600 VAC

Body Features

Primary Product Color	Natural

Contact Features

PCB Contact Termination Area Plating Material Thickness	2.03 µm[80 µin]
Contact Layout	Matrix
Contact Underplating Material Thickness	.762 µm[30 µin]
Contact Mating Area Plating Material Thickness	2.03 µm[80 µin]
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Tin
Contact Type	Tab
Contact Current Rating (Max)	9 A

Termination Features

Termination Post & Tail Length	3.5 mm[.138 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment Type	Keyed
Mating Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention Type	Locking Tab
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	With

Housing Features

Housing Material	Nylon
Centerline (Pitch)	4.2 mm[.165 in]

Dimensions

Connector Length	9.6 mm[.378 in]
Connector Height	12.8 mm[.504 in]
Connector Width	9.75 mm[.384 in]

PCB Thickness (Recommended)	1.78 mm[.07 in]
Row-to-Row Spacing	4.2 mm[.165 in]

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application	Power

Industry Standards

UL Rating	Recognized
Glow Wire Rating	Standard Part - Not Glow Wire
Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	375
Packaging Method	Tray

Product Compliance

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

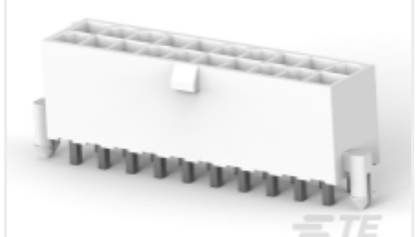
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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	Not reviewed for solder process capability

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 # 2-2825261-0
20P VAL-U-LOK HCS VRT HDR W/P V0



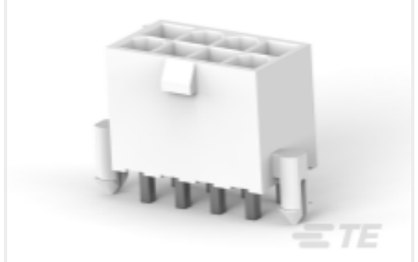
TE Part # 2-2825261-4
24P VAL-U-LOK HCS VRT HDR W/P V0



TE Part # 2825261-2
2P VAL-U-LOK HCS VRT HDR W/P V0



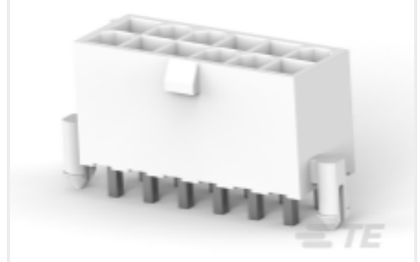
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6P VAL-U-LOK HCS VRT HDR W/P V0



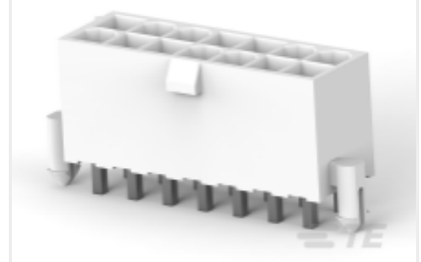
TE Part # 2825261-8
8P VAL-U-LOK HCS VRT HDR W/P V0



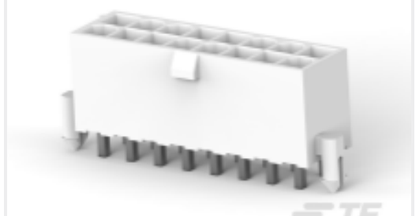
TE Part # 1-2825261-0
10P VAL-U-LOK HCS VRT HDR W/P V0



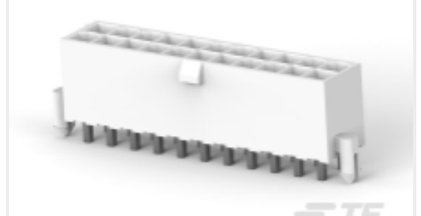
TE Part # 1-2825261-2
12P VAL-U-LOK HCS VRT HDR W/P V0



TE Part # 1-2825261-4
14P VAL-U-LOK HCS VRT HDR W/P V0



TE Part # 1-2825261-6
16P VAL-U-LOK HCS VRT HDR W/P V0

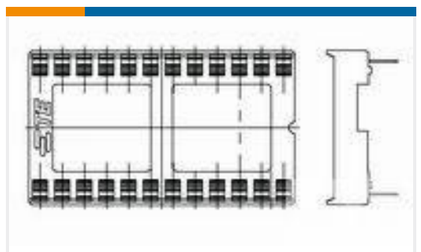


TE Part # 2-2825261-2
22P VAL-U-LOK HCS VRT HDR W/P V0

Customers Also Bought



TE Part #281695-5
HEADER HE14 STRAIGHT 5 P



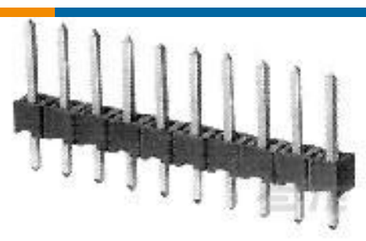
TE Part #1-2199299-5
40P,DIP SKT,600 CL,LDR,PB FREE



TE Part #5-103908-3
04 MTE HDR SRST LATCH W/HLDWN



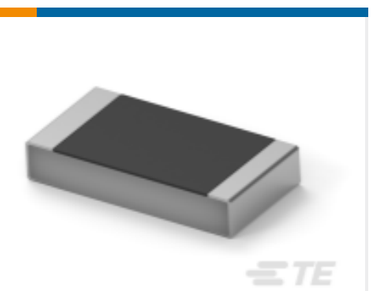
TE Part #1625854-2
0805 PROBE PAD



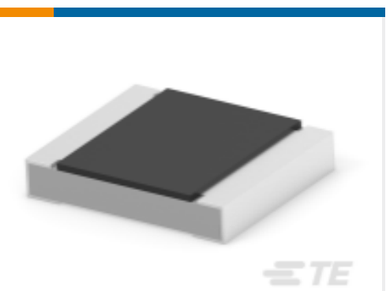
TE Part #825433-2
MOD 2 PINHDR 1X2 P.



TE Part #7-2176381-7
RQ 0805 76K8 0.1% 10PPM 5K RL



TE Part #5-2176458-0
CPF 1206 3R24 0.1% 25ppm 1K RL



TE Part #2-2176589-1
RLC73PW 2E R068 1% 5K RL

TE Part #2163062-1
IBM 46X7537 FLAT RIBBON NOVOLA

Documents

Product Drawings

4P VAL-U-LOK HCS VRT HDR W/P V0

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2825261-4_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2825261-4_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2825261-4_A.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

936348-1 MPT100C18RF TE50BR39J 3430B2F51RTDF 3631B101LL 2-292161-3 650075-000 U5254-000005-030PA 1393431-1 141991-2 2834055-1 3-1393225-0 CRGCQ2010J3K3 1903112-2 2005330-1 2377783-2 ROX05SJ18R SBCHE64R7K 175977-2 CPF0402B37K4E1 1-962915-1 1969656-1 2310537-1 917696-1 SBCHE154R7K 1-794222-0 1743455-2 RH73H2A40MKTN SMW73R0JT 2380312-2