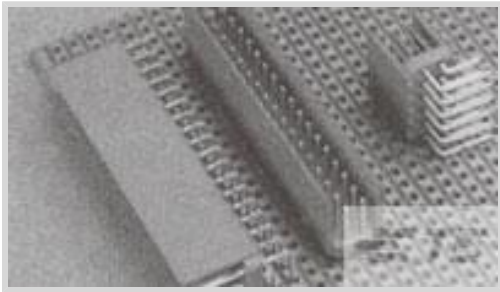




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Headers & Receptacles > HE13/HE14 TH Headers, DRRA



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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **12**

Centerline (Pitch): **2.54 mm [.1 in]**

[All HE13/HE14 TH Headers, DRRA \(20\)](#)

Features

Product Type Features

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

Configuration Features

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle
Number of Positions	12
Number of Rows	2

Electrical Characteristics

Insulation Resistance	1000 MΩ
Dielectric Withstanding Voltage (Max)	500 V

Contact Features

Contact Mating Area Length	7 mm
Mating Square Post Dimension	.64 mm[.025 in]
Contact Shape & Form	Square



Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.8 μm[31 μin]
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Square Termination Post & Tail Dimension	.63 mm[.025 in]
Termination Post & Tail Length	2.9 mm
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without
Mating Retention	With
PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Color	Blue
Housing Material	High Temperature Thermoplastic

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
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Usage Conditions

Operating Temperature Range	-40 – 100 °C[-40 – 212 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

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Packaging Quantity	2000
Packaging Method	Box

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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-AM74-H3401F
HE13/HE14 Crimp Housings



TE Part # CAT-AM74-H3401J
HE13/HE14 IDC Receptacle, DRST, AWG24-2

Also in the Series | AMPMODU HE 13/HE 14



Insertion & Extraction Tools(1)

Wire-to-Board Connector Assemblies & Housings(151)

Wire-to-Board Connector Contacts(4)

Wire-to-Board Headers & Receptacles (83)

Customers Also Bought

TE Part #182734-2
HE13/HE14 Contacts

TE Part #1-2273082-1
M12 A-CODE MALE R/A PIGTAIL

TE Part #1-1624117-7
BMB-R 0805 600R

TE Part #1676165-2
RN 0805 11K 0.1% 10PPM 1KRL

TE Part #1676172-2
RN 0805 12K1 0.1% 10PPM 1KRL

TE Part #1879133-4
RN 0603 845R 0.1% 10PPM 1K RL

TE Part #1-2176313-7
RP 1E 0.1W 196K 0.1% 25PPM 1K RL

TE Part #1-215464-2
MALE-ON-BOARD CONNECTOR

TE Part #GA3K3A1W3
DISC-DISCRETE

Documents

Product Drawings
HEADER HE14 RA 2X6 P
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_281742-6_G.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_281742-6_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_281742-6_G.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

French