

188744-1 ✓ ACTIVE

AMPMODU | AMPMODU HE 13/HE 14

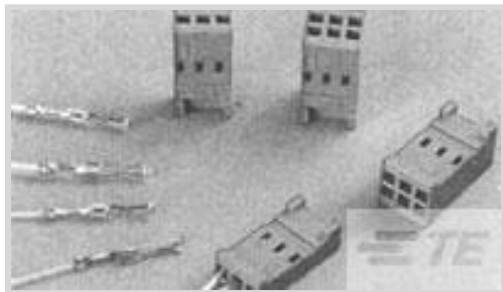
TE Internal #: 188744-1

Connector Contact, Socket, Wire-to-Board, 1 Position, .1 in [2.54 mm] Centerline, 28 – 24 AWG Wire Size, 160 – 404 CMA Wire Size, AMPMODU HE 13/HE 14

[View on TE.com >](#)



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts > HE13/HE14 Contacts



Contact Type: **Socket**

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

Number of Positions: **1**

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

Wire Size: **28 – 24 AWG**

[All HE13/HE14 Contacts \(4\)](#)

Features

Product Type Features

Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
Number of Positions	1

Contact Features

Mating Square Post Dimension	.63 mm[.024 in]
Wire Contact Termination Area Plating Thickness	1.5 – 2.5 μ m
Wire Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	2.5 μ m
Contact Base Material	Phosphor Bronze
Contact Type	Socket
Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
------------------------------------	-------------------------------



Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
-------------------------	----------------------------

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
--------------------	----------------

Dimensions

Accepts Wire Insulation Diameter Range	.8 – 1.5 mm[.032 – .059 in]
Wire Size	.08 – .24 mm ²

Usage Conditions

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

Operation/Application

Circuit Application	Signal
---------------------	--------

Packaging Features

Packaging Quantity	20000
Packaging Method	Strip

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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable 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 # CAT-AM74-H3401F
HE13/HE14 Crimp Housings



TE Part # 2305570-1
TERMINAL CUTTER, SIDE FEED



TE Part # 2151233-1
OCEAN_2.0_Applicator-S-042F062F



TE Part # 2-2151233-1
OCEAN_2.0_Applicator-S-042F062F



TE Part # 2-2151233-2
OCEAN_2.0_Applicator-S-042F062F



TE Part # 2063880-1
SDE COMMERCIAL TOOL & DIE



TE Part # 2063880-2
SDE COMMERCIAL DIE



TE Part # 2151233-2
OCEAN_2.0_Applicator-S-042F062F




KIT
REPRESENTATION ONLY

TE Part # 7-2151233-7
OCEAN_2.0_SPARE_PART_KIT-042F062F



TE Part # 947679-1
HE-14 P.G.HANDTOOL


Also in the Series | AMPMODU HE 13/HE 14




Insertion & Extraction Tools(1)



PCB Headers & Receptacles(83)



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



Wire-to-Board Connector Contacts(4)

Customers Also Bought



TE Part #281839-8
HE13/HE14 Crimp Housings



TE Part #281742-3
HEADER HE14 RA 2X3 P



TE Part #1-6609016-3
6ED8=F7539 S0



TE Part #5558070-1
MJ,R/A,10P,PNL GRN,DIR COMPT



TE Part #1-1879233-7
SMW5 R47 5%

Documents

Product Drawings

CONTACT REC HE14 COSI TIN PLATED

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_188744-1_P1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_188744-1_P1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_188744-1_P1.3d_stp.zip](#)

English

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

Product Specifications

Application Specification

English

Product Environmental Compliance

[MD_188744-1_102020151649_dmtec](#)

English

[MD_188744-1_102020151649_dmtec](#)

English

188744-1

Connector Contact, Socket, Wire-to-Board, 1 Position, .1 in [2.54 mm] Centerline, 28 – 24 AWG Wire Size, 160 – 404 CMA Wire Size, AMPMODU HE 13/HE 14

