281783-4 ✔ ACTIVE

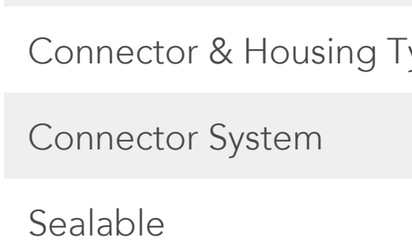
AMPMODU | AMPMODU HE 13/HE 14

TE Internal #: 281783-4

Connector Assembly, Receptacle, Wire-to-Board, 4 Position, .1 in [2.54 mm] Centerline, Insulation Displacement (IDC), 1 Row, Blue, AMPMODU HE 13/HE 14

View on TE.com >

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings > HE13/HE14 IDC Receptacle, SRST, AWG24-2



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **4**

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

All HE13/HE14 IDC Receptacle, SRST, AWG24-2 (30)

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	4
Number of Rows	1

Electrical Characteristics

Insulation Resistance	1000 MΩ

Body Features

Primary Product Color	Blue

Contact Features

Contact Layout	Inline
Contact Type	Socket
Contact Underplating Material	Nickel

Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)

Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Entry Configuration	Both Ends Closed
Housing Material	PBT GF
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Connector Length	10.96 mm[.431 in]
Connector Height	17.8 mm[.701 in]
Compatible Insulation Diameter Range	1.2 mm[.047 in]
Wire Size	.12 - .24 mm^2
Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Bulk, Loose Piece

Product Compliance

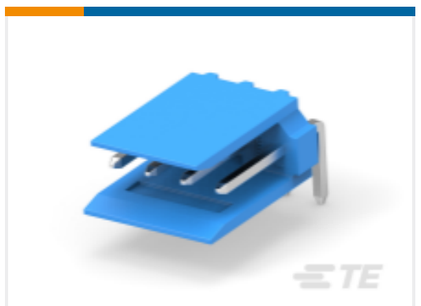
For compliance documentation, visit the product page on TE.com>

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 2024 (240) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

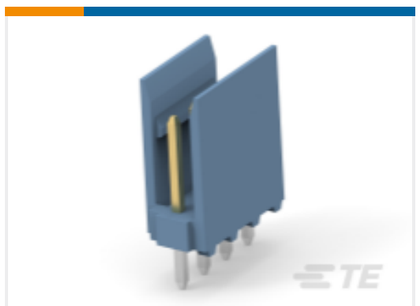
Product Compliance Disclaimer

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 # 281698-4
HEADER HE14 RA 4 P



TE Part # 281695-4
HEADER HE14 STRAIGHT 4 P



TE Part # 1-528015-6
PISTOL GRIP HANDLE

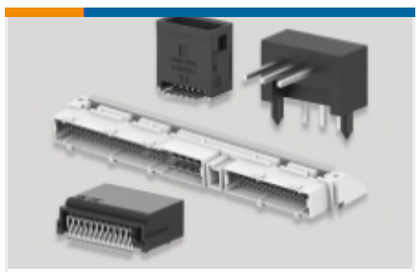
Also in the Series | AMPMODU HE 13/HE 14



Connector Contacts(4)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(83)



Wire-to-Board Connector Assemblies & Housings(127)

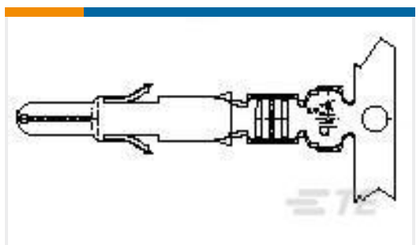
Customers Also Bought



TE Part # 1-480708-0
12P UMNL PLUG HSG NATL



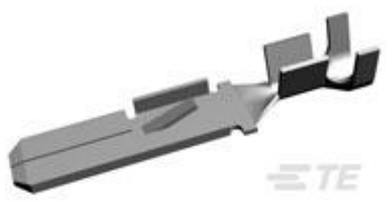
TE Part # 3-640599-4
04P MTA156 CONN ASSY 18AWG ORA



TE Part # 881109-1
U-M-N-L SPLIT PIN



TE Part # 626229
8 P FASTIN-ON HOUSING REC PA66 NAT



TE Part # 153301-2
5.16 TAB



TE Part # 880305
FF 250 HOUSING REC POLYAMIDE 6.6 NAT



TE Part # 881111-1
U-M-N-L SOCKET



TE Part # 1478769-5
ANTI-VIB NYLON GLD 25MM BLK

TE Part # 1-163081-2
.062 PIN ASSY 3+

Documents

Product Drawings

PLUG HE14 IDC 180 4 P AWG 26-24

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_281783-4_D.3d_igs.zip

English

Customer View Model

ENG_CVM_281783-4_D.3d_stp.zip

English

Customer View Model

ENG_CVM_281783-4_D.2d_dxf.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Product Specifications

Application Specification

English