281839-5 - ACTIVE

AMPMODU | AMPMODU HE 13/HE 14

TE Internal #: 281839-5 Housing, Receptacle, Wire-to-Board, 10 Position, .1 in [2.54 mm] Centerline, Insulation Displacement (IDC), 2 Row, Blue, AMPMODU HE 13/HE 14

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Connector Product Type: Housing Connector & Housing Type: Receptacle Connector System: Wire-to-Board Number of Positions: 10 Centerline (Pitch): 2.54 mm [.1 in]

All HE13/HE14 Crimp Housings (18)



Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Number of Positions	10
Number of Rows	2
Body Features	
Primary Product Color	Blue
Contact Features	
Contact Layout	Inline

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Housing, Receptacle, Wire-to-Board, 10 Position, .1 in [2.54 mm] Centerline, Insulation Displacement (IDC), 2 Row, Blue, AMPMODU HE 13/HE 14



Contact Base MaterialPhosphor BronzeContact Current Rating (Max)3 ATermination FeaturesInsulation Displacement (IDC)Termination Method to Wire & CableInsulation Displacement (IDC)Methanical AttachmentWithoutStrain ReliefWithoutPanel Mount FeatureWithoutPCB Mount RetentionWithoutMethanic RetentionWithoutMating RetentionWithoutHousing FeaturesUHousing FeaturesEFousing Instry ConfigurationBoth Ends ClosedItousing MaterialPBT GFCenterline (Pitch)254 mm[1 in]Connector Length12.7 mm[5 in]Connector Length15 mm[.591 in]Wire Size.0822 mm?Row to Row Spacing.55 - 125 °C(-67 - 257 °F]Operating Temperature Range.55 - 125 °C(-67 - 257 °F]Contact ApplicationSignalIndustry Standards	Contact Type	Socket
Termination Features Termination Method to Wire & Cable Insulation Displacement (DC) Methanical Attachment Without Strain Relief Without Panel Mount Feature Without Panel Mount Feature Without PAGE Mount Retention Without Mating Retention Without Mousing Features Both Ends Closed Housing Entry Confligueation Both Ends Closed Itousing Material PB1 GI Connector Length 127 mm[5in] Connector Length 15 mm[591 in] Connector Length 15 mm[591 in] Vire Size 08 – 22 mm² New to-Row Spacing 254 mm[1 in] Operating Temperature Range 55 – 125 °C[67 – 257 °F] Operating Temperature Range 55 – 125 °C[67 – 257 °F] Corrult Application Signal Industry Standards Signal Industry Standards Standard Part - Not Glow Wire Uir Harmability Rating Uir Muto Parkaging Quantity Standard Part - Not Glow Wire <td>Contact Base Material</td> <td>Phosphor Bronze</td>	Contact Base Material	Phosphor Bronze
Termination Method to Wire & Cable Insulation Displacement (IDC) Machanical Attachment Without Strain Relief Without Parel Mount Feature Without PCB Mount Retention Without Mating Retention Without Housing Features Without Housing Features Both Ends Closed Housing Material PBT GF Centerline (Pitch) 2.54 mm[.1 in] Connector Length 12.7 mm[.5 in] Connector Length 12.7 mm[.5 in] Connector Length 2.54 mm[.1 in] Wire Size 0.8 – .22 mm² Row to-Row Spacing 2.54 mm[.1 in] Upgrating Temperature Range .55 – 125 °C[67 – 257 °F] Crucit Application Signal Industry Standards Glow Wire Rating Clow Wire Rating UL Yav-0 UL Hammability Rating UL Yav-0 Packaging Peatures 50	Contact Current Rating (Max)	3 A
Machanical Attachment Strain Relief Without Panel Mount Feature Without PCB Mount Retention Without Atting Retention Without Musing Retention Without Housing Features Both Ends Closed Housing Entry Configuration Both Ends Closed Housing Material PBT GF Centerline (Prich) 2.54 mm[1 in] Dimensions Connector Length Connector Length 12.7 mm[.5 in] Connector Height 86 – .22 mm² Nire Size 08 – .22 mm² Row-to-Row Spacing 08 – .22 mm² Operating Temperature Range .05 – .125 °C[.67 – .257 °F] Operating Temperature Range Signal Icruit Application Signal Icruit Application Signal UL Flammability Rating UL YU-U UL Flammability Rating UL YU-U	Termination Features	
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Panel Mount Feature Without PCB Mount Retention Without Mating Retention Without Housing Features With Housing Entry Configuration Both Ends Closed Housing Material PBT GF Centerline (Pitch) 2.54 mm[.1 in] Dimensions 12.7 mm[.5 in] Connector Length 12.7 mm[.5 in] Connector Height .0822 mm ⁴ Row-to-Row Spacing 2.54 mm[.1 in] Vire Size .0822 mm ⁴ Row-to-Row Spacing 55 125 °C[67 - 257 °F] Operation/Application Signal Incut Application Signal Incut Application Signal Incut Applicating UL Paw-D UL Flammability Rating UL 94V-D UL Flammability Rating UL 94V-D	Mechanical Attachment	
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Mating Retention With Housing Features With Housing Entry Configuration Both Ends Closed Housing Material PBT GF Centerline (Pitch) 2.54 mm[.1 in] Dimensions 12.7 mm[.5 in] Connector Length 12.7 mm[.5 in] Connector Height 15 mm[.591 in] Wire Size .08 – .22 mm² Row-to-Row Spacing .254 mm[.1 in] Usege Conditions .55 – 125 °C[.67 – 257 °F] Operating Temperature Range .55 – 125 °C[.67 – 257 °F] Circuit Application Signal Industry Standards	Panel Mount Feature	Without
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Housing Entry ConfigurationBoth Ends ClosedHousing MaterialPBT GFCenterline (Pitch)2.54 mm[.1 in]Dimensions12.7 mm[.5 in]Connector Length12.7 mm[.5 in]Connector Height15 mm[.591 in]Wire Size.08 – .22 mm²Row to Row Spacing2.54 mm[.1 in]Usage Conditions.05 – 125 °C[.67 – 257 °F]Operating Temperature Range-55 – 125 °C[.67 – 257 °F]Operating Temperature Range.08 – 32 mm²Industry Standards	Mating Retention	With
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Centerline (Pitch)2.54 mm[.1 in]DimensionsConnector Length12.7 mm[.5 in]Connector Height15 mm[.591 in]Connector Height.0822 mm²Wire Size.0822 mm²Row to-Row Spacing.254 mm[.1 in]Usage Conditions.55 - 125 °C[-67 - 257 °F]Operating Temperature Range-55 - 125 °C[-67 - 257 °F]Circuit ApplicationSignalIndustry Standards	Housing Entry Configuration	Both Ends Closed
Dimensions Connector Length 12.7 mm[.5 in] Connector Height 15 mm[.591 in] Connector Height .08 – .22 mm² Wire Size .08 – .22 mm² Row-to-Row Spacing .08 – .22 mm² Vage Conditions .55 – 125 °C[-67 – 257 °F] Usage Conditions -55 – 125 °C[-67 – 257 °F] Operating Temperature Range -55 – 125 °C[-67 – 257 °F] Circuit Application Signal Industry Standards Signal UL Flammability Rating UL 94V-0 UL Flammability Rating UL 94V-0 Packaging Quantity 500	Housing Material	PBT GF
Connector Length12.7 mm[.5 in]Connector Height15 mm[.591 in]Wire Size.08 – .22 mm²Row-to-Row Spacing.254 mm[.1 in]Usage ConditionsOperating Temperature Range-55 – 125 °C[-67 – 257 °F]Operation/ApplicationCircuit ApplicationSignalAuditorsU Padaging PeaturesPackaging FeaturesPackaging Quantity	Centerline (Pitch)	2.54 mm[.1 in]
Connector Height15 mm[.591 in]Wire Size.08 – .22 mm²Row-to-Row Spacing.2.54 mm[.1 in]Usage Conditions.55 – 125 °C[-67 – 257 °F]Operating Temperature Range-55 – 125 °C[-67 – 257 °F]Operation/Application.55 – 125 °C[-67 – 257 °F]Circuit ApplicationSignalIndustry Standards	Dimensions	
Wire Size.08 – .22 mm²Row-to-Row Spacing2.54 mm[.1 in]Usage Conditions-55 – 125 °C[-67 – 257 °F]Operating Temperature Range-55 – 125 °C[-67 – 257 °F]Operation/ApplicationSignalCircuit ApplicationSignalIndustry Standards	Connector Length	12.7 mm[.5 in]
Row-to-Row Spacing2.54 mm[.1 in]Usage Conditions-55 – 125 °C[-67 – 257 °F]Operating Temperature Range-55 – 125 °C[-67 – 257 °F]Operation/ApplicationSignalCircuit ApplicationSignalIndustry StandardsStandard Part - Not Glow WireGlow Wire RatingUL 94V-0UL Flammability RatingUL 94V-0Packaging Quantity500	Connector Height	15 mm[.591 in]
Usage Conditions Operating Temperature Range -55 – 125 °C[-67 – 257 °F] Operation/Application Signal Circuit Application Signal Industry Standards Standard Part - Not Glow Wire Glow Wire Rating UL Planmability Rating UL Flammability Rating UL 94V-0 Packaging Quantity 500	Wire Size	.08 – .22 mm ²
Operating Temperature Range-55 – 125 °C[-67 – 257 °F]Operation/ApplicationSignalCircuit ApplicationSignalIndustry StandardsStandard Part - Not Glow WireGlow Wire RatingUL Plammability RatingUL Flammability RatingUL 94V-0Packaging Features500	Row-to-Row Spacing	2.54 mm[.1 in]
Operation/Application Signal Circuit Application Signal Industry Standards Standard Part - Not Glow Wire Glow Wire Rating Standard Part - Not Glow Wire UL Flammability Rating UL 94V-0 Packaging Features Standard Supplication	Usage Conditions	
Circuit ApplicationSignalIndustry StandardsStandard Part - Not Glow WireGlow Wire RatingStandard Part - Not Glow WireUL Flammability RatingUL 94V-0Packaging FeaturesPackaging Quantity500	Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
Industry Standards Glow Wire Rating Standard Part - Not Glow Wire UL Flammability Rating UL 94V-0 Packaging Features 500	Operation/Application	
Glow Wire RatingStandard Part - Not Glow WireUL Flammability RatingUL 94V-0Packaging FeaturesPackaging Quantity500	Circuit Application	Signal
UL Flammability Rating UL 94V-0 Packaging Features Packaging Quantity 500	Industry Standards	
Packaging Features Packaging Quantity 500	Glow Wire Rating	Standard Part - Not Glow Wire
Packaging Quantity 500	UL Flammability Rating	UL 94V-0
	Packaging Features	
Packaging Method Bag	Packaging Quantity	500
	Packaging Method	Bag

Product Compliance

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

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Housing, Receptacle, Wire-to-Board, 10 Position, .1 in [2.54 mm] Centerline, Insulation Displacement (IDC), 2 Row, Blue, AMPMODU HE 13/HE 14



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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

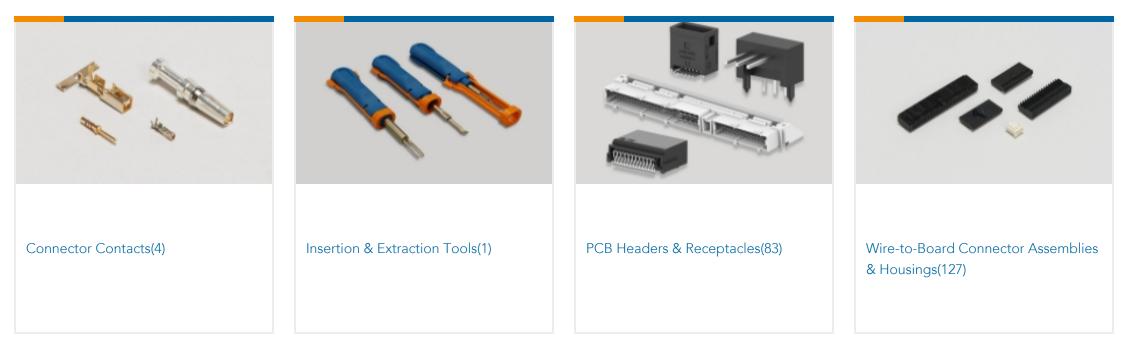
Product Compliance Disclaimer

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



Also in the Series AMPMODU HE 13/HE 14



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Customers Also Bought











Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_281839-5_H.2d_dxf.zip

English

Customer View Model ENG_CVM_CVM_281839-5_H.3d_igs.zip

English

Customer View Model ENG_CVM_CVM_281839-5_H.3d_stp.zip

English

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Product Specifications Product Specification

French