



HEADERS & RECEPTACLES



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[↓](#) **PRODUCT DRAWING**
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TE CONNECTIVITY (TE)

02 MTE HDR SRST LATCH W/HLDWN

[AMPMODU](#) | [AMPMODU MTE](#)

5-104362-1

TE Internal Number: 5-104362-1

Always EU RoHS/ELV Compliant

Centerline **2.54 mm [.1 in]**

Number of Positions **2**

PCB Mounting Orientation **Vertical**

PCB Mounting Style **Through Hole (SMT Compatible)**

Number of Rows **1**

Product Drawings

[HEADER ASSY, AMPMODU MTE, VERTICAL SINGLE ROW, .100 C/L, .025 SQ POST POLARIZED, WITH LATCHING & HOLD DOWN](#)

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
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[3D PDF](#)

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Catalog Pages/Data Sheets

[AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT](#)

PDF
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[AMP MODU MTE Section Of Catalog 1307819](#)

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[AMPMODU MTE INTERCONNECT SYSTEM](#)

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English

Product Specifications

Product Specification

[Connector, AMPMODU, MTE](#)

PDF
English

Application Specification

[AMPMODU MTE Interconnection System](#)

PDF
English

Product Environmental Compliance

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features	PCB Mounting Orientation	Vertical
	Product Type	Connector
	Connector Type	Header
	Strain Relief	Without
	Row-to-Row Spacing	2.54 mm [.1 in]
	Connector Style	Plug
	PCB Orientation Feature	No
	Applies To	Printed Circuit Board
Configuration Features	Number of Positions	2
	Number of Rows	1
	Backwall/Post Interruptions	Without
Electrical Characteristics	Dielectric Withstanding Voltage	600 V
	Insulation Resistance	5000 MΩ
	Termination Resistance	15 MΩ
Body Features	Header Type	Shrouded
Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness (µin)	15
	Contact Termination Area Plating Thickness	2.54 – 5.08 µm [100 – 200 µin]
	Contact Shape	Square
	Tail Plating Material	Tin
	Contact Termination Area Plating Material	Tin
	Tail Plating Thickness	2.54 – 5.08 µm [100 – 200 µin]
	Contact Type	Pin
	Solder Tail Contact Plating Material	Tin
	Solder Tail Contact Plating Material Finish	Matte
	Contact Current Rating (A)	3
	Contact Termination Area Plating Material	Matte
	PCB Mounting Orientation	Vertical

	Finish	
	Contact Base Material	Brass
Termination Features	Termination Method to Wire/Cable	Crimp, Insulation Displacement Crimp (IDC)
Mechanical Attachment	PCB Mounting Style	Through Hole (SMT Compatible)
	PCB Mount Alignment	Without
	Mating Retention	With
	PCB Mount Retention	With
	PCB Mount Retention Type	Hold-Down
	Contact Retention	With
	Mating Alignment Type	Latched
	Contact Retention Type	Locking Lance
	Mating Retention Type	Hold-Down
	Mating Alignment	With
Housing Features	Centerline	2.54 mm [.1 in]
	Housing Color	Black
	Housing Material	Thermoplastic
Dimensions	Tail Length	3.3 mm [.13 in]
	Mating Post Length	5.84 mm [.23 in]
	PCB Thickness (Recommended)	1.58 mm [.062 in]
	Height	13.59 mm [.535 in]
	Length	7.62 mm [.3 in]
Usage Conditions	Temperature Rating	High
	Operating Temperature Range (°C)	-65 – 105
Operation/Application	For Use With	Receptacle Housing Assembly
	Pick and Place Cover	Without
Industry Standards	UL Flammability Rating	UL 94V-0
	Approved Standards	CSA LR7189, UL E28476
Packaging Features	Packaging Method	Tube, Tube/Box
	Packaging Quantity	70

Other	Comment	Use Keying Tool No. 91417-1 to remove post for keying.
Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	