



CONNECTORS

## HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)  
**03 MTE HDR SRST LATCH .100CL**  
[AMPMODU](#) | [AMPMODU MTE](#)

5-104363-2  
TE Internal Number: 5-104363-2

Always EU RoHS/ELV Compliant

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

Number of Positions **3**

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 POSTS, POLARIZED WITH LATCHING](#)  
PDF  
English

CAD Files

[3D PDF](#)  
PDF  
English

[Customer View Model](#)  
2D\_DXF.ZIP  
English

[Customer View Model](#)  
3D\_IGS.ZIP  
English

[Customer View Model](#)  
3D\_STP.ZIP  
English

Catalog Pages/Data Sheets

[AMPMODU\\_INTERCONNECTION\\_SYSTEM\\_SECTION5\\_CONT](#)  
PDF  
English

[AMP MODU MTE Section Of Catalog 1307819](#)  
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## AMPMODU MTE INTERCONNECT SYSTEM

## Product Specifications

Application Specification

## AMPMODU MTE Interconnection System

## Product Environmental Compliance

TE Material Declaration

## 03 MTE HDR SRST LATCH .100CL

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	<b>Vertical</b>
Product Type	<b>Connector</b>
Connector Type	<b>Header</b>
Strain Relief	<b>Without</b>
Row-to-Row Spacing	<b>2.54 mm [ .1 in ]</b>
Connector Style	<b>Plug</b>
PCB Orientation Feature	<b>No</b>
Applies To	<b>Printed Circuit Board</b>

## Configuration Features

Number of Positions	<b>3</b>
Number of Rows	<b>1</b>
Backwall/Post Interruptions	<b>Without</b>

## Electrical Characteristics

Dielectric Withstanding Voltage	<b>600 V</b>
Insulation Resistance	<b>5000 MΩ</b>
Termination Resistance	<b>15 MΩ</b>

## Body Features

Header Type	<b>Shrouded</b>
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## Contact Features

Contact Mating Area Plating Material	<b>Gold</b>
Contact Mating Area Plating Thickness (µin)	<b>15</b>
Contact Termination Area Plating Thickness	<b>2.54 – 5.08 µm [ 100 – 200 µin ]</b>
Contact Shape	<b>Square</b>
Contact Termination Area Plating Material	<b>Tin</b>

	Tail Plating Material	<b>Tin</b>
	Tail Plating Thickness	<b>2.54 – 5.08 µm [ 100 – 200 µin ]</b>
	Contact Type	<b>Pin</b>
	Solder Tail Contact Plating Material	<b>Tin-Lead</b>
	Contact Current Rating (A)	<b>3</b>
	Contact Termination Area Plating Material Finish	<b>Matte</b>
	Contact Base Material	<b>Brass</b>
Termination Features	Termination Method to Wire/Cable	<b>Crimp, Insulation Displacement Crimp (IDC)</b>
Mechanical Attachment	PCB Mounting Style	<b>Through Hole (SMT Compatible)</b>
	PCB Mount Alignment	<b>Without</b>
	Mating Retention	<b>With</b>
	PCB Mount Retention	<b>Without</b>
	Contact Retention	<b>With</b>
	Mating Alignment Type	<b>Latched</b>
	Contact Retention Type	<b>Locking Lance</b>
	Mating Retention Type	<b>Polarized Lock</b>
	Panel Mount Retention	<b>Without</b>
	Mating Alignment	<b>With</b>
Housing Features	Centerline	<b>2.54 mm [ .1 in ]</b>
	Housing Color	<b>Black</b>
	Housing Material	<b>Thermoplastic</b>
Dimensions	Tail Length	<b>3.3 mm [ .13 in ]</b>
	Mating Post Length	<b>5.84 mm [ .23 in ]</b>
	PCB Thickness (Recommended)	<b>1.57 mm [ .062 in ]</b>
	Height	<b>13.59 mm [ .535 in ]</b>
Usage Conditions	Temperature Rating	<b>High</b>
	Operating Temperature Range (°C)	<b>-65 – 105</b>
Operation/Application	For Use With	<b>Receptacle Housing Assembly</b>
	Pick and Place Cover	<b>Without</b>

Industry Standards	UL Flammability Rating	UL 94V-0
	Approved Standards	CSA LR7189, UL E28476
Packaging Features	Packaging Method	Tube, Tube/Box
	Packaging Quantity	52
Other	Comment	Use Keying Tool No. 91417-1 to remove post for keying.
Product Compliance	<a href="#">Statement of Compliance</a>	
	<a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

