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TE CONNECTIVITY (TE)

## 2X12 MTE RCPT SR LATCH .100CL

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

1-103957-1

TE Internal Number: 1-103957-1

Not EU RoHS or ELV Compliant

[Find Compliant Alternatives](#)

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

Number of Positions **12**

Number of Rows **1**

Row-to-Row Spacing **2.54 mm [ .1 in ]**

Mating Retention **With**

### Product Drawings

[RCPT ASSY, AMPMODU MTE, SINGLE ROW, .100 C/L, LATCHED & POLARIZED FOR #22-#25 AWG WIRE SIZE, STRIP FORM](#)

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### CAD Files

[Customer View Model](#)

2D\_DXF.ZIP  
English

[Customer View Model](#)

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

3D\_STP.ZIP  
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[3D PDF](#)

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### Catalog Pages/Data Sheets

[AMPMODU\\_MTE\\_INTERCONNECT\\_SYSTEM\\_ORG\\_4-1773458-0](#)

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### Product Specifications

Application Specification

[AMPMODU MTE Interconnection System](#)

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### Instruction Sheets

Instruction Sheet (U.S.)

[AMPMODU MTE CONNECTORS](#)

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Product Type Features	Row-to-Row Spacing	<b>2.54 mm [ .1 in ]</b>
	Glow Wire Rating	<b>Standard Part - Not Glow Wire</b>
	Applied Pressure	<b>Standard</b>
	Connector Type	<b>Housing</b>
	Applies To	<b>Wire/Cable</b>
	Connector Style	<b>Receptacle</b>
	Strain Relief	<b>With</b>
	Product Type	<b>Connector</b>
Configuration Features	Number of Positions	<b>12</b>
	Number of Rows	<b>1</b>
Electrical Characteristics	Dielectric Withstanding Voltage	<b>600 VAC</b>
	Operating Voltage	<b>267 V</b>
	Termination Resistance	<b>15 mΩ</b>
	Insulation Resistance (MΩ)	<b>5000</b>
Contact Features	Contact Type	<b>Socket</b>
	Solder Tail Contact Plating Material Finish	<b>Bright</b>
	Contact Base Material	<b>Phosphor Bronze</b>
	Solder Tail Contact Plating Material	<b>Tin-Lead</b>
	Contact Current Rating (A)	<b>3</b>
	Contact Layout	<b>Inline</b>
Termination Features	Termination Method to Wire/Cable	<b>Crimp, Insulation Displacement Crimp (IDC)</b>
Mechanical Attachment	Mating Retention	<b>With</b>
	Mating Retention Type	<b>Latch</b>
	PCB Mount Retention	<b>Without</b>
	Mating Connector Lock	<b>With</b>
	Panel Mount Retention	<b>Without</b>
	Mating Connector Lock Type	<b>Latch</b>
	Mating Alignment	<b>With</b>
	Lock Type	<b>Latch</b>
	Mating Alignment Type	<b>Latch</b>

Housing Features	Centerline	<b>2.54 mm [ .1 in ]</b>
	Housing Color	<b>Black</b>
	Housing Material	<b>Thermoplastic</b>
Dimensions	Height	<b>5.08 mm [ .2 in ]</b>
	Insulation Diameter	<b>1.37 mm [ .054 in ]</b>
	Length	<b>60.96 mm [ 2.4 in ]</b>
	Wire/Cable Size (AWG)	<b>26 – 22</b>
	Wire/Cable Size (mm <sup>2</sup> )	<b>.12 – .4</b>
Usage Conditions	Operating Temperature Range (°C)	<b>-65 – 105</b>
Operation/Application	For Use With	<b>Mates with Headers</b>
Industry Standards	Approved Standards	<b>CSA LR7189, UL E28476</b>
	UL Flammability Rating	<b>UL 94V-0</b>
Packaging Features	Packaging Quantity	<b>18</b>
	Packaging Method	<b>Tube</b>
Other	Comment	<b>Maximum insulation diameter is 1.14 [.045] for Pneumatic Terminators., Ribbon Cable Notched handles 22-28 AWG</b>

Product Compliance

[Statement of Compliance](#)  
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[VIEW ALL PRODUCT COMPLIANCE](#)