



# HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

## 07 MTE HDR SRST LATCH .100CL

AMPMODU | AMPMODU MTE

5-103735-6

TE Internal Number: 5-103735-6

Always EU RoHS/ELV Compliant

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

Number of Positions **7**

PCB Mounting Orientation **Vertical**

PCB Mounting Style **Through Hole**

Number of Rows **1**

Active

PRODUCT DRAWING  
English

3D PDF

### Product Drawings

HDR ASSY, VERT, SINGLE ROW 2.54[.100] C, 0.64[.025] SQ POST, WITH PLZN & LATCHING, AMPMODU MTE

PDF  
English

### CAD Files

Customer View Model

2D\_DXF.ZIP  
English

3D PDF

PDF  
3D

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

PDF  
English

AMPMODU MTE INTERCONNECT SYSTEM

PDF  
English

### Product Specifications

Application Specification

AMPMODU MTE Interconnection System

PDF  
English

### Product Environmental Compliance

TE Material Declaration

MD\_5-103735-6\_081720111251

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

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

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Configuration Features	Number of Positions	<b>7</b>
	Number of Rows	<b>1</b>
	Backwall/Post Interruptions	<b>Without</b>

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Electrical Characteristics	Dielectric Withstanding Voltage	<b>600 V</b>
	Termination Resistance	<b>15 M<math>\Omega</math></b>
	Insulation Resistance	<b>5000 M<math>\Omega</math></b>

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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 ( $\mu$ in)	<b>30</b>
	Contact Type	<b>Pin</b>
	Solder Tail Contact Plating Material	<b>Tin</b>
	Contact Termination Area Plating Thickness	<b>2.54 <math>\mu</math>m [ 100 <math>\mu</math>in ]</b>
	Tail Plating Thickness	<b>2.54 <math>\mu</math>m [ 100 <math>\mu</math>in ]</b>
	Contact Current Rating (A)	<b>3</b>
	Contact Shape	<b>Square</b>
	Tail Plating Material	<b>Tin</b>
	Contact Termination Area Plating Material	<b>Tin</b>
	Contact Termination Area Plating Material Finish	<b>Matte</b>
	Contact Base Material	<b>Brass</b>

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Termination Features	Termination Method to Wire/Cable	<b>Crimp, Insulation Displacement Crimp (IDC)</b>
Mechanical Attachment	PCB Mounting Style	<b>Through Hole</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 Alignment	<b>With</b>
	Mating Retention Type	<b>Polarized Lock</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>
	Length	<b>20.32 mm [ .8 in ]</b>
	Height	<b>13.59 mm [ .535 in ]</b>
Usage Conditions	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	<b>UL 94V-0</b>
	Approved Standards	<b>CSA LR7189, UL E28476</b>
Packaging Features	Packaging Method	<b>Tube, Tube/Box</b>
	Packaging Quantity	<b>26</b>
Other	Comment	<b>Use Keying Tool No. 91417-1 to remove post for keying.</b>

Product Compliance

[Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

SURFACE MOUNT RESISTORS	BACKPLANE GUIDE HARDWARE	SURFACE MOUNT RESISTORS	RJ45 CONNECTORS
			
CPF 0402 6K2 0.1% 25PPM 1K RL CPF0402B6K2E1	UNV PWR MDL, GUIDE PIN LOCT PL 223969-1	CPF 0402 1K1 0.1% 25PPM 1K RL CPF0402B1K1E1	Low Profile, RJ45, 1x1, GRN/YEL 1888250-1
<a href="#">Save to List</a> <a href="#">Find Similar Products</a>	<a href="#">Save to List</a> <a href="#">Find Similar Products</a>	<a href="#">Save to List</a> <a href="#">Find Similar Products</a>	<a href="#">Save to List</a> <a href="#">Find Similar Products</a>

Products - 1 Results

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Relation Type ▼

RELATIONSHIP

### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS		<input checked="" type="checkbox"/>
	<p>Connectors - FFC Connectors FFC   FFC</p> <p><b>007 HOUSING FFC RCPT 100CL SR - 487526-6</b></p> <p>TE INTERNAL NUMBER: 487526-6</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Connector Type <b>Housing</b></p> <p>Connector Style <b>Receptacle</b></p> <p>Centerline <b>2.54 mm</b></p> <p>Number of Positions <b>7</b></p> <p>Number of Rows <b>1</b></p>