



HEADERS & RECEPTACLES



TE CONNECTIVITY (TE) 10 MTE HDR SRST LATCH.100CL AMPMODU | AMPMODU MTE

5-103735-9
TE Internal Number: 5-103735-9

Always EU RoHS/ELV Compliant

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

Number of Positions **10**

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

Product Specification

Connector, AMPMODU, MTE

PDF
English

Application Specification

AMPMODU MTE Interconnection System

PDF
English

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

Configuration Features	Number of Positions	10
	Number of Rows	1
	Backwall/Post Interruptions	Without

Electrical Characteristics	Dielectric Withstanding Voltage	600 V
	Termination Resistance	15 MΩ
	Insulation Resistance	5000 MΩ

Body Features	Header Type	Shrouded
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Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness (μ in)	30
	Contact Type	Pin
	Solder Tail Contact Plating Material	Tin
	Contact Termination Area Plating Thickness	2.54 μm [100 μin]
	Tail Plating Thickness	2.54 μm [100 μin]
	Contact Current Rating (A)	3
	Contact Shape	Square
	Tail Plating Material	Tin
	Contact Termination Area Plating Material	Tin
	Contact Termination Area Plating Material Finish	Matte
	Contact Base Material	Brass

Termination Features	Termination Method to Wire/Cable	Crimp, Insulation Displacement Crimp (IDC)
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Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Alignment	Without
	Mating Retention	With
	PCB Mount Retention	Without
	Contact Retention	With
	Mating Alignment Type	Latched
	Contact Retention Type	Locking Lance
	Mating Retention Type	Polarized Lock
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]
	Length	27.94 mm [1.1 in]
	Height	13.59 mm [.535 in]
Usage Conditions	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	19
Other	Comment	Use Keying Tool No. 91417-1 to remove post for keying.

Product Compliance

[Statement of Compliance](#)
PDF

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Products - 1 Results

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Relation Type 

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - FFC Connectors
FFC | FFC

010 HOUSING FFC RCPT 100CL SR - 487526-9

TE INTERNAL NUMBER: 487526-9

 Active

Always EU RoHS/ELV Compliant

Connector Type **Housing**

Connector Style **Receptacle**

Centerline **2.54 mm**

Number of Positions **10**

Number of Rows **1**