



CONNECTORS

HEADERS & RECEPTACLES



TE CONNECTIVITY (TE) 12 MTE HDR SRST LATCH W/HLDWN

AMPMODU | AMPMODU MTE

6-103669-1

TE Internal Number: 6-103669-1

Always EU RoHS/ELV Compliant

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

Number of Positions **12**

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/L 0.64 .025 SQ POST WITH PLZN, AMPMODU MTE

PDF
English

CAD Files

3D PDF

PDF
3D

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

AMPMODU MTE INTERCONNECT SYSTEM

Product Specifications

Application Specification

AMPMODU MTE Interconnection System

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	12
	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
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Contact Features	Contact Mating Area Plating Material	Tin
	Contact Mating Area Plating Thickness	2.54 μm [100 μin]
	Contact Termination Area Plating Thickness	2.54 μm [100 μin]
	Contact Shape	Square
	Contact Termination Area Plating Material	Tin
	Tail Plating Material	Tin
	Tail Plating Thickness	2.54 μm [100 μin]
	Contact Type	Pin

	Solder Tail Contact Plating Material	Tin
	Contact Current Rating (A)	3
	Contact Termination Area Plating Material Finish	Matte
	Contact Base Material	Brass
Termination Features	Termination Method to Wire/Cable	Crimp, Insulation Displacement Crimp (IDC)
Mechanical Attachment	PCB Mounting Style	Through Hole
	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)	.69 mm [.027 – .08 in]
	Height	13.59 mm [.535 in]
	Length	33.02 mm [1.3 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	Tape, Tube/Box

Packaging Features

Packaging Method

Tube, Tube/Box

Packaging Quantity

16

Other

Comment

Use Keying Tool No. 91417-1 to remove post for keying.

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

