



HEADERS & RECEPTACLES



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TE CONNECTIVITY (TE)

12 MTE HDR SRST LATCH W/HLDWN

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

1-103908-1

TE Internal Number: 1-103908-1

Not EU RoHS or ELV Compliant

[Find Compliant Alternatives](#)

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

Number of Positions **12**

PCB Mounting Orientation **Vertical**

PCB Mounting Style **Through Hole**

Number of Rows **1**

Product Drawings

[HEADER ASSY, AMPMODU MTE, VERTICAL, SINGLE ROW, .100 CL, .025 SQ POSTS WITH LATCH & RETENTIVE POSTS](#)

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
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[3D PDF](#)

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[Customer View Model](#)

3D_IGS.ZIP
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[Customer View Model](#)

3D_STP.ZIP
English

Catalog Pages/Data Sheets

[AMPMODU_MTE_INTERCONNECT_SYSTEM_QRG_4-1773458-0](#)

PDF
English

Product Specifications

Application Specification

[AMPMODU MTE Interconnection System](#)

PDF
English

Instruction Sheets

Instruction Sheet (U.S.)

[AMPMODU MTE CONNECTORS](#)

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English

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
Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness (μin)	30
	Contact Termination Area Plating Thickness	2.54 – 5.08 μm [100 – 200 μin]
	Contact Shape	Square
	Contact Termination Area Plating Material	Tin-Lead
	Tail Plating Material	Tin-Lead
	Tail Plating Thickness	2.54 – 5.08 μm [100 – 200 μin]
	Contact Type	Pin
	Solder Tail Contact Plating Material	Tin-Lead
	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
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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	16

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

012 HOUSING FFC RCPT
100CL SR - 1-487526-1

TE INTERNAL NUMBER: 1-487526-1

✓ Active

Always EU RoHS/ELV Compliant

Connector Type **Housing**

Connector Style **Receptacle**

Centerline **2.54 mm**

Number of Positions **12**

Number of Rows **1**