



HEADERS & RECEPTACLES



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

02 MTE HDR SRRA SMT.100CL

AMP | AMPMODU MTE

5-147324-1

TE Internal Number: 5-147324-1

Always EU RoHS/ELV Compliant

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

Number of Positions **2**

PCB Mounting Orientation **Right Angle**

PCB Mounting Style **Surface Mount**

Number of Rows **1**

Product Drawings

[HEADER ASSEMBLY, LATCHING, RIGHT ANGLE SURFACE MOUNT, MTE, AMPMODU](#)

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[3D PDF](#)

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Catalog Pages/Data Sheets

[AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT](#)

PDF
English

[AMPMODU MTE INTERCONNECT SYSTEM](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_5-147324-1_0907201518_dmtec](#)

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	Right Angle
	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	2
	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
Contact Features	Contact Mating Area Plating Material	Tin
	Contact Mating Area Plating Thickness	2.54 – 5.08 μm [100 – 200 μin]
	Contact Type	Pin
	Solder Tail Contact Plating Material	Tin
	Contact Termination Area Plating Thickness	2.54 – 5.08 μm [100 – 200 μin]
	Tail Plating Thickness	2.54 – 5.08 μm [100 – 200 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)
Mechanical Attachment	PCB Mounting Style	Surface Mount
	PCB Mount Alignment	Without
	Mating Retention	With

Mating Retention
PCB Mount Retention	With
Panel Mount Retention	Without
Mating Alignment Type	Latched
Mating Alignment	With
Mating Retention Type	Polarized Lock

Housing Features	Centerline	2.54 mm [.1 in]
	Housing Color	Black
	Housing Material	Thermoplastic

Dimensions	Tail Length	3.05 mm [.12 in]
	Mating Post Length	5.84 mm [.23 in]
	Length	10.16 mm [.4 in]
	Height	13.59 mm [.535 in]

Usage Conditions	Temperature Rating	High
	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 & Reel
	Packaging Quantity	300

Other	Comment	Use Keying Tool No. 91417-1 to remove post for keying.
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Product Compliance [Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

