

## HEADERS & RECEPTACLES





TE CONNECTIVITY (TE) 3 MTE HDR SRRA LATCH W/HLDWN AMPMODU | AMPMODU MTE

5-103904-2 TE Internal Number: 5-103904-2

## Always EU RoHS/ELV Compliant

Centerline 2.54 mm [.1 in ] Number of Positions 3 PCB Mounting Orientation Right Angle PCB Mounting Style Through Hole Number of Rows 1

Product Drawings	HEADER ASSY, AMPMODU MTE, RIGHT ANGLE, SINGLE ROW, .100CL .025 SQ POSTS, WITH LATCH & HOLD DOWNS PDF English		
CAD Files	3D PDF PDF English		
	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		
	AMPMODU MTE INTERCONNECT SYSTEM PDF English		
Product Specifications			
Application Specification	AMPMODU MTE Interconnection System PDF English		

## Product Environmental Compliance

TE Material Declaration

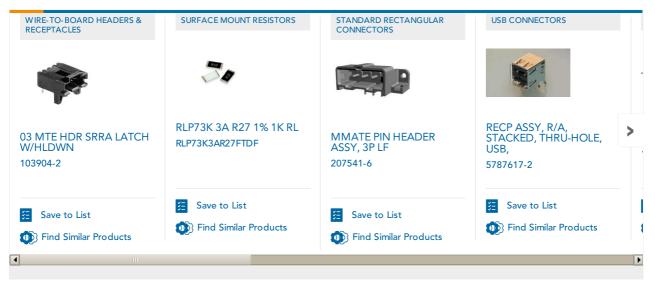
MD\_5-103904-2\_110720112124 PDF English Please review product documents or **contact us** for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features	PCB Mounting Orientation	Right Angle
	Product Type	Connector
	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	3
	Number of Rows	1
	Backwall/Post Interruptions	Without
Electrical Characteristics	Dielectric Withstanding Voltage	600 V
	Insulation Resistance	5000 ΜΩ
	Termination Resistance	15 ΜΩ
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 μm [ 100 μin ]
	Contact Shape	Square
	Contact Termination Area Plating Material	Tin
	Tail Plating Material	Tin
	Tail Plating Thickness	2.54 μm [ 100 – 200 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

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)	1.574 mm [ .062 in ]
	Height	6.98 mm [ .274 in ]
	Length	10.16 mm [ .4 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	Tube, Tube/Box
	Packaging Quantity	52
Other	Comment	Use Keying Tool No. 91417-1 to remove post for keying.

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## CUSTOMERS ALSO BOUGHT



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	Relation Type	•			
Ма	ATIONSHIP <b>Iting Products</b> d to identify Mating Parts			See All Mating Pro	oducts
		PRODUCT - MATING PRODUCTS			~
		Connectors - FFC Connectors FFC   FFC 003 HOUSING FFC RCPT	Always EU RoHS/ELV Compl	ant	
~	A. M.	100CL SR - 487526-2 TE INTERNAL NUMBER: 487526-2	Connector Type <b>Housing</b> Connector Style <b>Receptacle</b>		
			Contorlino 2 51 mm		

✓ Active

Centerline **2.54 mm** Number of Positions 3 Number of Rows **1**