



HEADERS & RECEPTACLES



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

09 MTE HDR SRST LATCH .100CL

AMPMODU | AMPMODU MTE

103638-8

TE Internal Number: 103638-8
Alias ID: 407161207

Not EU RoHS or ELV Compliant

[Find Compliant Alternatives](#)

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

Number of Positions **9**

PCB Mounting Orientation **Vertical**

PCB Mounting Style **Through Hole**

Number of Rows **1**

Product Drawings

[HDR ASSY, VERT, SINGLE ROW 2.54\[.100\] CL, 0.64\[.025\] SQ POST, WITH PLZN & LATCHING, AMPMODU MTE](#)

PDF
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CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
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[3D PDF](#)

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Catalog Pages/Data Sheets

[AMPMODU_MTE_INTERCONNECT_SYSTEM_QRG_4-1773458-0](#)

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Product Specifications

Application Specification

[AMPMODU MTE Interconnection System](#)

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Product Environmental Compliance

TE Material Declaration

[09 MTE HDR SRST LATCH .100CL](#)

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Instruction Sheets

Instruction Sheet (U.S.)

[AMPMODU MTE CONNECTORS](#)

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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	9
	Number of Rows	1
	Backwall/Post Interruptions	Without

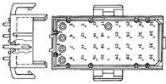

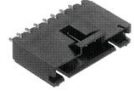









Electrical Characteristics	Dielectric Withstanding Voltage	600 V
	Termination Resistance	15 MΩ
	Insulation Resistance	5000 MΩ

Body Features	Header Type	Shrouded
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Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness (μ m)	15
	Contact Type	Pin
	Solder Tail Contact Plating Material	Tin-Lead
	Contact Termination Area Plating Thickness	2.54 μm [100 μm]
	Tail Plating Thickness	2.54 μm [100 μm]
	Contact Current Rating (A)	3
	Contact Shape	Square
	Tail Plating Material	Tin-Lead
	Contact Termination Area Plating Material	Tin-Lead
	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	Without
	PCB Mount Retention Type	Hold-Down
	Contact Retention	With
	Mating Alignment Type	Latched
	Contact Retention Type	Locking Lance
	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	3.3 mm [.13 in]
	Mating Post Length	5.84 mm [.23 in]
	Length	25.4 mm [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	22
Other	Comment	Use Keying Tool No. 91417-1 to remove post for keying.

CUSTOMERS ALSO BOUGHT

RECTANGULAR POWER CONNECTORS	MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES	WIRE-TO-BOARD HEADERS & RECEPTACLES	RECTANGULAR POWER CONNECTORS
			
04P MR HDR ASSY V0 RED 640499-4	03 MODII HD SRRA B/A .100CL, LF 5-146304-3	08 MTE HDR SRST LATCH .100CL 103638-7	02P MINI-UMNL ASSY VO SNAU 770166-2
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Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

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PRODUCT - MATING PRODUCTS		<input checked="" type="checkbox"/>
	<p>Connectors - FFC Connectors FFC FFC</p> <p>009 HOUSING FFC RCPT 100CL SR - 487526-8</p> <p>TE INTERNAL NUMBER: 487526-8</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Connector Type Housing</p> <p>Connector Style Receptacle</p> <p>Centerline 2.54 mm</p> <p>Number of Positions 9</p> <p>Number of Rows 1</p>