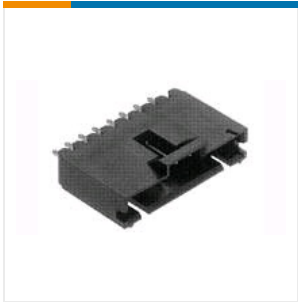




HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)
10 MTE HDR SRST LATCH .100CL
[AMPMODU](#) | [AMPMODU MTE](#)

103638-9
TE Internal Number: 103638-9

[Not EU RoHS or ELV Compliant](#)
[Find Compliant Alternatives](#)

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

Number of Positions **10**

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
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](#)
PDF
English

Catalog Pages/Data Sheets

[AMPMODU_MTE_INTERCONNECT_SYSTEM_QRG_4-1773458-0](#)
PDF
English

Product Specifications

Product Specification	Connector, AMPMODU, MTE PDF English
Application Specification	AMPMODU MTE Interconnection System PDF English
Qualification Test Report	QUALIFICATION TEST REPORT, CONNECTOR, AMPMODU, MTE PDF English
	QUALIFICATION TEST REPORT, CONNECTOR, AMPMODU, MTE PDF Japanese
	QUALIFICATION TEST REPORT, CONNECTOR, AMPMODU, MTE TIF English

Product Environmental Compliance

TE Material Declaration	10 MTE HDR SRST LATCH .100CL PDF English
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Instruction Sheets

Instruction Sheet (U.S.)	AMPMODU MTE CONNECTORS PDF English
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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	10
	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	Gold
	Contact Mating Area Plating Thickness (µin)	15
	Contact Type	Pin
	Solder Tail Contact Plating Material	Tin-Lead
	Contact Termination Area Plating Thickness	2.54 µm [100 µin]
	Tail Plating Thickness	2.54 µm [100 µin]
	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	27.94 mm [1.1 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	20
Other	Comment	Use Keying Tool No. 91417-1 to remove post for keying.

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

