



HEADERS & RECEPTACLES



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

07 MTE HDR SRRA LTCH.100CL LF

AMPMODU | AMPMODU MTE

5-103635-6

TE Internal Number: 5-103635-6

Always EU RoHS/ELV Compliant

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

Number of Positions **7**

PCB Mounting Orientation **Right Angle**

PCB Mounting Style **Through Hole**

Number of Rows **1**

Product Drawings

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

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
3D

[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_5-103635-6_040820112337](#)

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	7
	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 (μ in)	15
	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 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

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
	Contact Retention	With
	Mating Alignment Type	Latched
	Contact Retention Type	Locking Lance
	Mating Retention Type	Polarized Lock
	Panel Mount Retention	Without
	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]
	Height	13.59 mm [.535 in]
	Length	20.32 mm [.8 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	26
Other	Comment	Use Keying Tool No. 91417-1 to remove post for keying.

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

PCB D-SUB CONNECTORS	WIRE-TO-BOARD CONNECTOR HOUSINGS	WIRE-TO-BOARD HEADERS & RECEPTACLES	MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES
 <p>37 RCPT RA/MS STD 5745115-2</p> <p>Save to List Find Similar Products</p>	 <p>2X7 MTE RCPT SR LATCH .100CL 5-103956-6</p> <p>Save to List Find Similar Products</p>	 <p>12 MTE HDR SRRA LATCH .100CL 1-103635-1</p> <p>Save to List Find Similar Products</p>	 <p>30 MODII HDR DRST SHRD .100CL 6-87589-1</p> <p>Save to List Find Similar Products</p>

Products - 1 Results

[View All](#)

[Compare 0/10](#)

Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS		✓
	<p>Connectors - FFC Connectors FFC FFC</p> <p>007 HOUSING FFC RCPT 100CL SR - 487526-6</p> <p>TE INTERNAL NUMBER: 487526-6</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 7</p> <p>Number of Rows 1</p>