

HEADERS & RECEPTACLES





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PRODUCT DRAWING



3D PDF

TE CONNECTIVITY (TE)

18 MTE HDR SRST LATCH W/HLDWN

AMPMODU | AMPMODU MTE

1-103670-7

TE Internal Number: 1-103670-7

Not EU RoHS or ELV Compliant Find Compliant Alternatives

Centerline 2.54 mm [.1 in]

Number of Positions 18

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 &

RETENTIVE POSTS, 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

Application Specification AMPMODU MTE Interconnection System

PDF **English**

Instruction Sheets

Instruction Sheet (U.S.)

AMPMODU MTE CONNECTORS

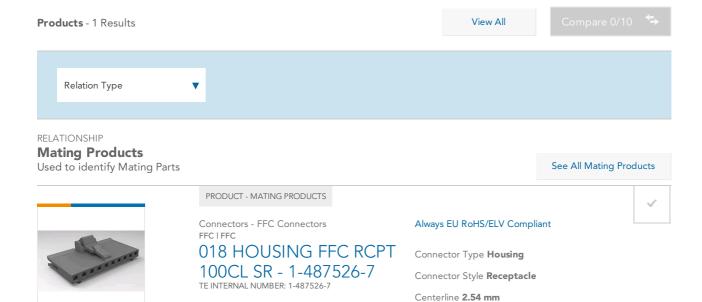
PDF **English**

Product Type Features	PCB Mounting Orientation	Vertical
	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	18
	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)	15
	Contact Termination Area Plating Thickness	2.54 µm [100 µin]
	Contact Shape	Square
	Contact Termination Area Plating Material	Tin-Lead
	Tail Plating Material	Tin-Lead
	Tail Plating Thickness	2.54 μm [100 μin]
	Contact Type	Pin
	Solder Tail Contact Plating Material	Tin-Lead
	Contact Current Rating (A)	3
	Contact Termination Area Plating Material Finish	Matte
	Contact Base Material	Brass
Fermination 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	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)	.69 mm [.027 – .08 in]
	Height	13.59 mm [.535 in]
	Length	48.26 mm [1.9 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	11
Other	Comment	Use Keying Tool No. 91417-1 to remove post for keying.
Product Compliance	Statement of Compliance	

Statement of Compliance PDF

VIEW ALL PRODUCT COMPLIANCE



Number of Positions **18**Number of Rows **1**

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