

HEADERS & RECEPTACLES





✓ Active



PRODUCT DRAWING



3D PDF

TE CONNECTIVITY (TE)
12 MTE HDR SRRA LATCH .100CL

AMPMODU | AMPMODU MTE

1-103635-1

TE Internal Number: 1-103635-1

Not EU RoHS or ELV Compliant Find Compliant Alternatives

Centerline 2.54 mm [.1 in]

Number of Positions 12

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

3D

Customer View Model

3D_IGS.ZIP English

Customer View Model

3D_STP.ZIP **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**

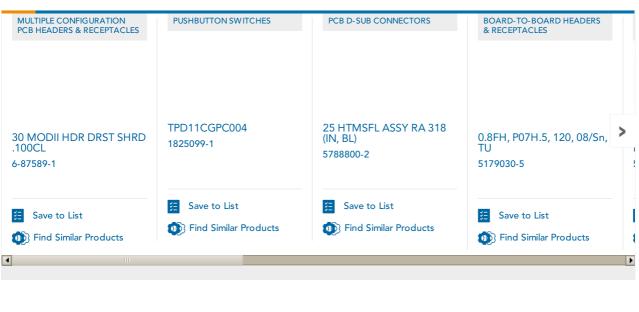
Please review product documents or contact us for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

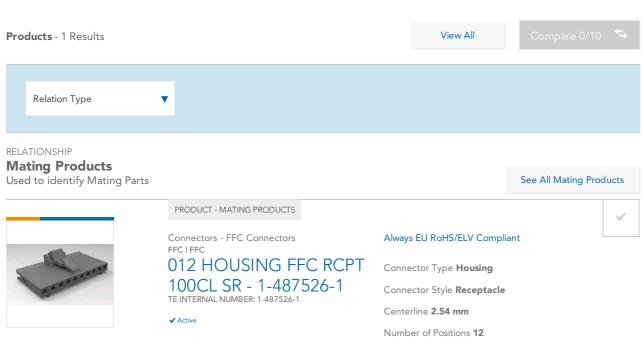
Product Type Features	PCB Mounting Orientation	Right Angle
	Product Type	Connector
	Connector Type	Header
	Strain Relief	Without
	Row-to-Row Spacing	2.54 mm [.1 in]
	Connector Style	Plug
	PCB Orientation Feature	No
	Applies To	Printed Circuit Board
Configuration Features	Number of Positions	12
	Number of Rows	1
	Backwall/Post Interruptions	Without
Electrical Characteristics	Dielectric Withstanding Voltage	600 V
	Insulation Resistance	5000 ΜΩ
	Termination Resistance	15 ΜΩ
3ody 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
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	33.02 mm [1.3 in]
Usage Conditions	Length Operating Temperature Range (°C)	33.02 mm [1.3 in] -65 – 105
Usage Conditions Operation/Application		
	Operating Temperature Range (°C)	-65 – 105
	Operating Temperature Range (°C) For Use With	-65 – 105 Receptacle Housing Assembly
Operation/Application	Operating Temperature Range (°C) For Use With Pick and Place Cover	-65 – 105 Receptacle Housing Assembly Without
Operation/Application	Operating Temperature Range (°C) For Use With Pick and Place Cover UL Flammability Rating	-65 – 105 Receptacle Housing Assembly Without UL 94V-0
Operation/Application Industry Standards	Operating Temperature Range (°C) For Use With Pick and Place Cover UL Flammability Rating Approved Standards	-65 – 105 Receptacle Housing Assembly Without UL 94V-0 CSA LR7189, UL E28476
Operation/Application Industry Standards	Operating Temperature Range (°C) For Use With Pick and Place Cover UL Flammability Rating Approved Standards Packaging Method	-65 – 105 Receptacle Housing Assembly Without UL 94V-0 CSA LR7189, UL E28476 Tube, Tube/Box

VIEW ALL PRODUCT COMPLIANCE

CO21 OIMEK2 AF2O ROOGH I





Number of Rows 1