



HEADERS & RECEPTACLES



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

06 MTE HDR SRRA SFMNT .100CL

AMP | AMPMODU MTE

5-147278-5

TE Internal Number: 5-147278-5

Always EU RoHS/ELV Compliant

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

Number of Positions **6**

PCB Mounting Orientation **Right Angle**

PCB Mounting Style **Surface Mount**

Number of Rows **1**

Product Drawings

[HEADER ASSEMBLY, LATCHING, RIGHT ANGLE SURFACE MOUNT, MTE, AMPMODU](#)

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
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[3D PDF](#)

PDF
3D

[Customer View Model](#)

3D_IGS.ZIP
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[Customer View Model](#)

3D_STP.ZIP
English

Catalog Pages/Data Sheets

[AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT](#)

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[AMPMODU MTE INTERCONNECT SYSTEM](#)

PDF
English

Product Specifications

Application Specification

[AMPMODU MTE Interconnection System](#)

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Product Environmental Compliance

TE Material Declaration

[MD_5-147278-5_09232013102_dmtec](#)

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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
	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	6
	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 (µin)	15
	Contact Type	Pin
	Solder Tail Contact Plating Material	Tin
	Contact Termination Area Plating Thickness	2.54 – 5.08 µm [100 – 200 µin]
	Tail Plating Thickness	2.54 – 5.08 µm [100 – 200 µin]
	Contact Current Rating (A)	3
	Contact Shape	Square
	Tail Plating Material	Tin
	Contact Termination Area Plating Material	Tin
	Contact Termination Area Plating Material Finish	Matte
	Contact Base Material	Brass

Termination Features	Termination Method to Wire/Cable	Crimp, Insulation Displacement Crimp (IDC)
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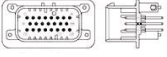








Mechanical Attachment	PCB Mounting Style	Surface Mount
	PCB Mount Alignment	Without
	Mating Retention	With
	PCB Mount Retention	With
	Panel Mount Retention	Without
	Mating Alignment Type	Latched
	Mating Alignment	With
	Mating Retention Type	Polarized Lock
Housing Features	Centerline	2.54 mm [.1 in]
	Housing Color	Black
	Housing Material	Thermoplastic
Dimensions	Tail Length	3.05 mm [.12 in]
	Mating Post Length	5.84 mm [.23 in]
	Length	20.32 mm [.8 in]
	Height	13.59 mm [.535 in]
Usage Conditions	Temperature Rating	High
	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	Tape & Reel
	Packaging Quantity	300
Other	Comment	Use Keying Tool No. 91417-1 to remove post for keying.

Product Compliance

[Statement of Compliance](#)
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[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

OTHER AUTOMOTIVE CONNECTOR ACCESSORIES	USB CONNECTORS	RECTANGULAR POWER CONNECTORS	AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HEADERS
 <p>RECEPTACLE ASSEMBLY, 350A, MSD 1-1587987-1</p>	 <p>RECP ASSY, R/A, 4P, THRU-HOLE, USB, LF 6364372-2</p>	 <p>16P MINI UMNL HDR W/DH SN 794068-1</p>	 <p>23P V HDR ASSY W/GASKET 776228-4</p>
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