



MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

12P AMPMODU II SHRD HDR, ST, TIN

AMPMODU | AMPMODU Headers

280520-1

TE Internal Number: 280520-1

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

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

Number of Positions **12**

Header Type **Shrouded**

Product Drawings

AMPMODU II HEADER

PDF
English

CAD Files

3D PDF

PDF
3D

Customer View Model

2D_DXF.ZIP
English

Customer View Model

3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP
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

Applies To

Printed Circuit Board

Connector Style

Plug

PCB Mounting Orientation

Vertical

Connector Type

Header

Row-to-Row Spacing

2.54 mm [.1 in]

Stabilizers

Without

Strain Relief

Without

	Board Standoff	Without
	Profile	Standard
	Product Type	Connector
	Gasket	Without
Configuration Features	Number of Positions	12
	Number of Rows	1
	Keyed	No
	Selectively Loaded	No
Electrical Characteristics	Dielectric Withstanding Voltage	750 V
Body Features	Header Type	Shrouded
	Post Size (in)	.025
Contact Features	Contact Protection	With
	Contact Shape	Round
	Contact Type	Pin
	Contact Base Material	Phosphor Bronze
	Solder Tail Contact Plating Material	Tin
	Contact Mating Area Plating Material	Tin
	Contact Protection Type	Shrouded
Termination Features	Termination Post Length	3.5 mm [.138 in]
	Termination End Plating Material	Tin
	Termination End Plating Thickness (µm)	3.5
	Termination Method to PC Board	Through Hole
Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Retention	Without
	Mating Connector Lock Type	Detent Windows
	Panel Mount Retention	Without
	Mating Alignment	With
	Mating Connector Lock	With
	Mating Alignment Type	Polarization
Housing Features	Centerline	2.54 mm [.1 in]

Housing Features	Centerline	2.97 mm [.118 in]
	Housing Color	Black
	Housing Material	Thermoplastic
	Housing Style	3-Sided
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Dimensions	Mating Post Length	6.6 mm [.26 in]
	Shrouded End Dimension (mm)	1.65
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Usage Conditions	Operating Temperature Range (°C)	-65 – 105
	High Temperature Housing	No
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Operation/Application	High Speed Serial Data Connector	No
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Industry Standards	UL Flammability Rating	UL 94V-0
	Approved Standards	CSA LR7189, UL E28476
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Packaging Features	Packaging Quantity	500
	Packaging Method	Box/Carton
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Product Compliance	<p>Statement of Compliance PDF</p> <p>VIEW ALL PRODUCT COMPLIANCE</p>	