



## MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

### 16 MODII HDR DRST SHRD A/PIN

AMPMODU | AMPMODU Headers

5-102699-7

TE Internal Number: 5-102699-7

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

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

Number of Positions **16**

Header Type **Shrouded**

#### Product Drawings

[HDR ASSY, MOD II, COMPLIANT PIN, DBL ROW, .100 X .100 CL, 4 SIDED SHROUD](#)

PDF  
English

#### CAD Files

[Customer View Model](#)

3D\_STP.ZIP  
English

[Customer View Model](#)

2D\_DXF.ZIP  
English

[3D PDF](#)

PDF  
3D

[Customer View Model](#)

3D\_IGS.ZIP  
English

#### Catalog Pages/Data Sheets

[AMPMODU\\_INTERCONNECTION\\_SYSTEM\\_SECTIONS](#)

PDF  
English

#### Product Specifications

Application Specification

[AMPMODU Header Assemblies With ACTION PIN Contacts](#)

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.

	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
	Product Type	Connector
	Gasket	Without
Configuration Features	Number of Positions	16
	Number of Rows	2
	Keyed	No
	Selectively Loaded	No
Electrical Characteristics	Dielectric Withstanding Voltage	750 Vrms
Body Features	Header Type	Shrouded
	Post Size	.64 mm [ .025 in ]
Contact Features	Contact Protection	With
	Contact Shape	Square
	Contact Type	Pin
	Contact Base Material	Copper Alloy
	Contact Mating Area Plating Thickness (µin)	30
	Solder Tail Contact Plating Material	Tin over Nickel
	Contact Mating Area Plating Material	Gold
	Contact Protection Type	Shrouded
	Contact Current Rating (A)	3
Termination Features	Termination Post Length	6.35 mm [ .25 in ]
	Termination End Plating Thickness (µin)	100 – 200
	Termination End Plating Material	Tin Over Nickel
	Termination Method to PC Board	Through Hole
Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Retention Type	Action/Compliant Tail

	PCB Mount Retention	<b>With</b>
	Mating Connector Lock Type	<b>Detent Windows</b>
	Panel Mount Retention	<b>Without</b>
	Mating Alignment	<b>With</b>
	Mating Connector Lock	<b>With</b>
	Mating Alignment Type	<b>Polarization</b>
Housing Features	Centerline	<b>2.54 mm [ .1 in ]</b>
	Housing Color	<b>Black</b>
	Housing Material	<b>Thermoplastic</b>
	Housing Style	<b>4-Sided</b>
Dimensions	Shrouded End Dimension	<b>1.68 mm [ .066 in ]</b>
	PCB Thickness (Recommended)	<b>2.36 – 3.18 mm [ .093 – .125 in ]</b>
	Mating Post Length	<b>8.13 mm [ .32 in ]</b>
Usage Conditions	Operating Temperature Range (°C)	<b>-55 – 105</b>
	High Temperature Housing	<b>Yes</b>
Operation/Application	High Speed Serial Data Connector	<b>No</b>
Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
	Approved Standards	<b>CSA LR7189, UL E28476</b>
Packaging Features	Packaging Quantity	<b>130</b>
	Packaging Method	<b>Tray</b>
Product Compliance	<a href="#">Statement of Compliance</a> PDF	
	<a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	