



MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



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TE CONNECTIVITY (TE)

08 MODII HDR DRST SHRD A/PIN

AMPMODU | AMPMODU Headers

5-102699-3

TE Internal Number: 5-102699-3

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

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

Number of Positions **8**

Header Type **Shrouded**

Product Drawings

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

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CAD Files

[Customer View Model](#)

2D_DXF.ZIP
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3D_STP.ZIP
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Catalog Pages/Data Sheets

[AMPMODU_INTERCONNECTION_SYSTEM_SECTIONS](#)

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Product Specifications

Application Specification

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

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Product Environmental Compliance

TE Material Declaration

[MD_5-102699-3_0902201102](#)

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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
	Product Type	Connector
Gasket	Without	

Configuration Features	Number of Positions	8
	Number of Rows	2
	Keyed	No
	Selectively Loaded	No

Electrical Characteristics	Dielectric Withstanding Voltage	750 Vrms
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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 (μ in)	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 (μ in)	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	With
	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 Color	Black
	Housing Material	Thermoplastic
	Housing Style	4-Sided
Dimensions	Shrouded End Dimension	1.68 mm [.066 in]
	PCB Thickness (Recommended)	2.36 – 3.18 mm [.093 – .125 in]
	Mating Post Length	8.13 mm [.32 in]
Usage Conditions	Operating Temperature Range (°C)	-55 – 105
	High Temperature Housing	Yes
Operation/Application	High Speed Serial Data Connector	No
Industry Standards	UL Flammability Rating	UL 94V-0
	Approved Standards	CSA LE7189, UL E28476
Packaging Features	Packaging Quantity	230
	Packaging Method	Tray
Product Compliance	<p>Statement of Compliance PDF</p> <p>VIEW ALL PRODUCT COMPLIANCE</p>	

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