



MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

02 MODII HDR SRST B/A .100CL

AMPMODU | AMPMODU Headers

5-146282-2

TE Internal Number: 5-146282-2

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

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

Number of Positions **2**

Header Type **Breakaway**

Product Drawings

[HEADER ASSEMBLY, MOD II, BREAKAWAY, SINGLE ROW, HIGH TEMPERATURE, VERTICAL W/.025 SQ. POSTS, .100CL](#)

PDF
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CAD Files

[3D PDF](#)
PDF
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[Customer View Model](#)
3D_IGS.ZIP
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[Customer View Model](#)
3D_STP.ZIP
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[Customer View Model](#)
2D_DXF.ZIP
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Product Environmental Compliance

TE Material Declaration

[MD_5-146282-2_061920132323_dmtec](#)
PDF
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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

	Connector Type	Header
	Row-to-Row Spacing	2.54 mm [.1 in]
	Stabilizers	Without
	Board Standoff	Without
	Product Type	Connector
	Gasket	Without
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Configuration Features	Number of Positions	2
	Number of Rows	1
	Keyed	No
	Selectively Loaded	No
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Electrical Characteristics	Dielectric Withstanding Voltage	750 V
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Body Features	Header Type	Breakaway
	Post Size	.64 mm [.025 in]
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Contact Features	Contact Protection	Without
	Contact Shape	Square
	Contact Type	Pin
	Contact Base Material	Copper Alloy
	Solder Tail Contact Plating Material	Tin over Nickel
	Contact Mating Area Plating Material	Tin
	Contact Current Rating (A)	3
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Termination Features	Termination Post Length	2.29 mm [.09 in]
	Termination End Plating Thickness (µin)	100 – 200
	Termination End Plating Material	Tin
	Termination Method to PC Board	Surface Mount, Through Hole
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Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Retention	Without
	Panel Mount Retention	Without
	Mating Alignment	Without
	Mating Connector Lock	Without
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Housing Features	Centerline	2.54 mm [.1 in]

	Housing Color	Black
	Housing Material	LCP (Liquid Crystal Polymer), LCP-GF (Liquid Crystal Polymer)
Dimensions	PCB Thickness (Recommended)	1.6 mm [.063 in]
	Mating Post Length	5.84 mm [.23 in]
Usage Conditions	Operating Temperature Range (°C)	-65 – 105
	High Temperature Housing	Yes
Operation/Application	High Speed Serial Data Connector	No
Industry Standards	UL Flammability Rating	UL 94V-0
	Approved Standards	CSA LR7189, UL E28476
Packaging Features	Packaging Quantity	500
	Packaging Method	Carton
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

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