



MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE) 02 MODII HDR SRST B/A LF

AMPMODU | AMPMODU Headers

5-146281-2
TE Internal Number: 5-146281-2

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, BREAKWAY, SINGLE ROW, HIGH TEMPERATURE, VERTICAL W/.025 SQ POSTS, .100 C](#)
PDF
English

CAD Files

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

[Customer View Model](#)
3D_STP.ZIP
English

[Customer View Model](#)
2D_DXF.ZIP
English

[3D PDF](#)
PDF
English

Product Environmental Compliance

TE Material Declaration [MD_5-146281-2_04132015526_dmtec](#)
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.





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
	Contact Mating Area Plating Thickness (µin)	30
	Solder Tail Contact Plating Material Finish	Tin: Matte
	Solder Tail Contact Plating Material	Tin-Lead over Nickel
	Contact Mating Area Plating Material	Gold
Contact Current Rating (A)	3	
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Termination Features	Termination Post Length	3.05 mm [.12 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

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	

CUSTOMERS ALSO BOUGHT

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