



MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

05 MODII HDR SRST B/A .100CL

AMPMODU | AMPMODU Headers

5-146274-5

TE Internal Number: 5-146274-5

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

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

Number of Positions **5**

Header Type **Breakaway**

Product Drawings

[HEADER ASSEMBLY, MOD II, BREAKAWAY, SINGLE ROW, HIGH TEMPERATURE, VERTICAL](#)

PDF
English

CAD Files

[Customer View Model](#)

3D_STP.ZIP
English

[Customer View Model](#)

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

3D_IGS.ZIP
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[3D PDF](#)

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Product Environmental Compliance

TE Material Declaration

[MD_5-146274-5_12252012033](#)

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
	Strain Relief	Without
	Board Standoff	With
	Profile	Standard
	Product Type	Connector
	Gasket	Without
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Configuration Features	Number of Positions	5
	Number of Rows	1
	Keyed	No
	Selectively Loaded	No
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Electrical Characteristics	Voltage (VAC)	30
	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	Phosphor Bronze
	Contact Mating Area Plating Thickness (µin)	100 – 200
	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	3.18 mm [.125 in]
	Termination End Plating Thickness (µin)	100 – 200
	Termination End Plating Material	Matte Tin-Lead
	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)	1.57 mm [.062 in]
	Mating Post Length	8.08 mm [.318 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	480
	Packaging Method	Carton

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

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