



MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

04 MODII HDR SRST B/A .100CL

AMPMODU | AMPMODU Headers

5-146285-4

TE Internal Number: 5-146285-4

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

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

Number of Positions **4**

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
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[3D PDF](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_5-146285-4_10122011940](#)

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	Without
	Product Type	Connector
	Gasket	Without
<hr/>		
Configuration Features	Number of Positions	4
	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 over Nickel
	Contact Mating Area Plating Material	Gold
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
<hr/>		
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

CIRCULAR POWER CONNECTORS	BETWEEN SERIES ADAPTERS	RECTANGULAR POWER CONNECTORS	WIRE-TO-BOARD HEADERS & RECEPTACLES
CPC RECPT ASSEMBLY SIZE 11-8 206433-3	4582 2240 02 1059716-1	02P MINI UMNL HDR ASSY AU LF 1-770872-1	05P MTA100 SHRD HDR ASSY 30AU 2-644487-5
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