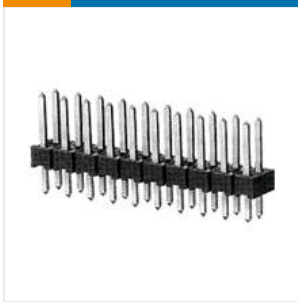




MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

12 MODII HDR DRST B/A .100CL L

AMPMODU | AMPMODU Headers

5-146257-6

TE Internal Number: 5-146257-6

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

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

Number of Positions **12**

Header Type **Breakaway**

Product Drawings

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

PDF
English

CAD Files

[3D PDF](#)

PDF
English

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

Product Environmental Compliance

TE Material Declaration

[MD_5-146257-6_04162014037_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

	Row-to-Row Spacing	2.54 mm [.1 in]
	Stabilizers	Without
	Strain Relief	Without
	Board Standoff	With
	Profile	Standard
	Product Type	Connector
	Gasket	Without
<hr/>		
Configuration Features	Number of Positions	12
	Number of Rows	2
	Keyed	No
	Selectively Loaded	No
<hr/>		
Electrical Characteristics	Voltage (VAC)	30
	Dielectric Withstanding Voltage	750 V
<hr/>		
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)	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
<hr/>		
Termination Features	Termination Post Length	3.05 mm [.12 in]
	Termination End Plating Thickness (µin)	100 – 200
	Termination End Plating Material	Matte Tin-Lead
	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	Thermoplastic

Dimensions	PCB Thickness (Recommended)	1.57 mm [.062 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
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Industry Standards	UL Flammability Rating	UL 94V-0
	Approved Standards	CSA LR7189, UL E28476

Packaging Features	Packaging Quantity	240
	Packaging Method	Carton

Product Compliance [Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES	WIRE-TO-BOARD CONNECTOR HOUSINGS	WIRE-TO-BOARD HEADERS & RECEPTACLES	SURFACE MOUNT RESISTORS
			
14 MODII HDR DRST B/A .100CL L 5-146257-7	HPI 2.0 Receptacle Housing, 8P 1735447-8	2mm PITCH HPI POST HEADER, VERTICAL, 8P 1735446-8	RL73K 3A R27 5% 4K RL RL73K3AR27JTE
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