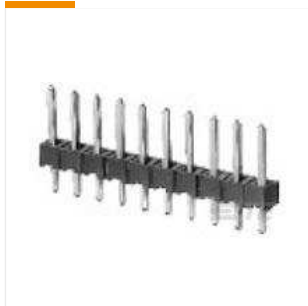




TE Connectivity: Every Connection Counts
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+ CONNECTORS

MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

02 MODII HDR SRST B/A .100CL

[AMPMODU](#) | [AMPMODU Headers](#)

5-146278-2

TE Internal Number: 5-146278-2

[EU RoHS Compliant](#)

[EU 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](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
3D

[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_5-146278-2_070820151144_dmtec](#)

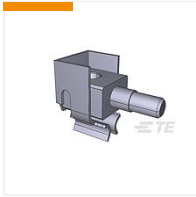
PDF
English

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
Configuration Features	Number of Positions	2
	Number of Rows	1
	Keyed	No
	Selectively Loaded	No
Electrical Characteristics	Voltage (VAC)	30
	Dielectric Withstanding Voltage	750 V
Body Features	Header Type	Breakaway
	Post Size	.64 mm [.025 in]
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

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
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	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
Statement of Compliance	Statement of Compliance PDF	

Customers Also Bought

MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES  03 MODII HDR SRST B/A .100CL 5-146278-3	HEADER & RECEPTACLE GUIDE HARDWARE  HDI POWER CONTACT ASSY 533065-6	MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES  04 MODII HDR SRRA B/A .100CL LF 5-103323-4	MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES  16 MODII HDR DRST B/ .100CL 5-146254-8
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