



# MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



Active

3D PDF

TE CONNECTIVITY (TE)

## 03 MODII HDR SRST B/A 100 W/HD

AMPMODU | AMPMODU Headers

5-146288-3

TE Internal Number: 5-146288-3

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

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

Number of Positions **3**

Header Type **Breakaway**

### 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

### Catalog Pages/Data Sheets

#### AMPMODU\_INTERCONNECTION\_SYSTEM\_SECTIONS

PDF  
English

### Product Environmental Compliance

#### TE Material Declaration

#### MD\_5-146288-3\_082120131129\_dmtec

PDF  
English

Please review product documents or [contact us](#) for the latest agency approval information.

### 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 ]**





Number of Positions

**3**

	Stabilizers	<b>Without</b>
	Strain Relief	<b>Without</b>
	Board Standoff	<b>Without</b>
	Product Type	<b>Connector</b>
	Gasket	<b>Without</b>
Configuration Features	Number of Positions	<b>3</b>
	Number of Rows	<b>1</b>
	Keyed	<b>Yes</b>
	Selectively Loaded	<b>No</b>
Electrical Characteristics	Dielectric Withstanding Voltage	<b>750 V</b>
Body Features	Header Type	<b>Breakaway</b>
	Post Size	<b>.64 mm [ .025 in ]</b>
Contact Features	Contact Protection	<b>Without</b>
	Contact Shape	<b>Square</b>
	Contact Type	<b>Pin</b>
	Contact Base Material	<b>Copper Alloy</b>
	Contact Mating Area Plating Thickness (µin)	<b>15</b>
	Solder Tail Contact Plating Material	<b>Tin over Nickel</b>
	Contact Mating Area Plating Material	<b>Gold</b>
Contact Current Rating (A)	<b>3</b>	
Termination Features	Termination Post Length	<b>3.18 mm [ .125 in ]</b>
	Termination End Plating Thickness (µin)	<b>100 – 200</b>
	Termination End Plating Material	<b>Tin</b>
	Termination Method to PC Board	<b>Surface Mount, Through Hole</b>
Mechanical Attachment	PCB Mounting Style	<b>Through Hole</b>
	PCB Mount Retention Type	<b>Retention Solder Tails</b>
	PCB Mount Retention	<b>With</b>
	Panel Mount Retention	<b>Without</b>
	Mating Alignment	<b>With</b>
	Mating Connector Lock	<b>Without</b>

Housing Features	Centerline	<b>2.54 mm [ .1 in ]</b>
	Housing Color	<b>Black</b>
	Housing Material	<b>LCP (Liquid Crystal Polymer), LCP-GF (Liquid Crystal Polymer)</b>
Dimensions	PCB Thickness (Recommended)	<b>1.6 mm [ .063 in ]</b>
	Mating Post Length	<b>8.08 mm [ .318 in ]</b>
Usage Conditions	Operating Temperature Range (°C)	<b>-65 – 105</b>
	High Temperature Housing	<b>Yes</b>
Operation/Application	High Speed Serial Data Connector	<b>No</b>
Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
	Approved Standards	<b>CSA LR7189, UL E28476</b>
Packaging Features	Packaging Quantity	<b>540</b>
	Packaging Method	<b>Carton</b>
Product Compliance	<a href="#">Statement of Compliance PDF</a> <a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

## CUSTOMERS ALSO BOUGHT

RECTANGULAR POWER CONNECTORS	RIBBON CABLE CONNECTORS	RECTANGULAR POWER CONNECTORS	HEAT SHRINK TUBING
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