



MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

50 MODII HDR DRST SHRD .100CL

AMPMODU | AMPMODU Headers

7-103168-3

TE Internal Number: 7-103168-3

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

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

Number of Positions **50**

Header Type **Shrouded**

Product Drawings

[HDR ASSY, MOD II, SHROUDED, 4 SIDES, DBL ROW, VERTICAL, .100X.100, WITH .025 SQ.POSTS](#)

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
3D

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

Catalog Pages/Data Sheets

[AMPMODU_INTERCONNECTION_SYSTEM_SECTIONS](#)

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




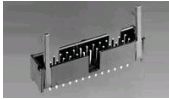
Connector Type

Header

	Row-to-Row Spacing	2.54 mm [.1 in]
	Stabilizers	Without
	Strain Relief	Without
	Board Standoff	Without
	Profile	Standard
	Product Type	Connector
	Gasket	Without
<hr/>		
Configuration Features	Number of Positions	50
	Number of Rows	2
	Keyed	No
	Selectively Loaded	No
<hr/>		
Electrical Characteristics	Dielectric Withstanding Voltage	750 Vrms
<hr/>		
Body Features	Header Type	Shrouded
	Post Size	.64 mm [.025 in]
<hr/>		
Contact Features	Contact Protection	With
	Contact Shape	Square
	Contact Type	Pin
	Contact Base Material	Phosphor Bronze
	Contact Mating Area Plating Thickness (µin)	30
	Solder Tail Contact Plating Material	Tin over Nickel
	Contact Mating Area Plating Material	Gold
	Contact Protection Type	Shrouded
	Contact Current Rating (A)	3
<hr/>		
Termination Features	Termination Post Length	3.18 mm [.125 in]
	Termination End Plating Thickness (µin)	100 – 200
	Termination End Plating Material	Tin Over Nickel
	Termination Method to PC Board	Through Hole
<hr/>		
Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Retention	Without
	Mating Connector Lock Type	Detent Windows
	Panel Mount Retention	Without

	Mating Alignment	With
	Mating Connector Lock	With
	Mating Alignment Type	Polarization
<hr/>		
Housing Features	Centerline	2.54 mm [.1 in]
	Housing Color	Black
	Housing Material	Thermoplastic
	Housing Style	4-Sided
<hr/>		
Dimensions	Shrouded End Dimension	1.68 mm [.066 in]
	PCB Thickness (Recommended)	1.397 mm [.055 in]
	Mating Post Length	8.08 mm [.318 in]
<hr/>		
Usage Conditions	Operating Temperature Range (°C)	-65 – 105
	High Temperature Housing	No
<hr/>		
Operation/Application	High Speed Serial Data Connector	No
<hr/>		
Industry Standards	UL Flammability Rating	UL 94V-0
	Approved Standards	CSA LR7189, UL E28476
<hr/>		
Packaging Features	Packaging Quantity	32
	Packaging Method	Tray
<hr/>		
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

<p>MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES</p>  <p>14 MODII HDR DRRA SHRD LF 5-103166-5</p> <p>Save to List</p>	<p>STANDARD RECTANGULAR CONNECTORS</p>  <p>SKT HDR ASSY, 3P, MMATE LF 207609-7</p> <p>Save to List</p>	<p>D-SUB LOCKING & MOUNTING</p>  <p>50SR SCREWLOCK KIT, FEMALE 749087-3</p> <p>Save to List</p>	<p>RIBBON CABLE CONNECTORS</p>  <p>IDC LOW PRO HDR 16P RA SHT LAT 2-1761609-6</p> <p>Save to List</p>
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Save to List

Find Similar Products

Save to List

Find Similar Products

Find Similar Products

Find Similar Products