



MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**
English

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TE CONNECTIVITY (TE) 05 MODII HDR SRST SHRD LF

AMPMODU | AMPMODU Headers

5-103414-3

TE Internal Number: 5-103414-3

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

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

Number of Positions **5**

Header Type **Shrouded**

Product Drawings

[ASSEMBLY, MOD II, HEADER, SINGLE ROW .100 C/L, \(4\) SIDED SHROUD](#)

PDF
English

CAD Files

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
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[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

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English

Catalog Pages/Data Sheets

[AMPMODU_INTERCONNECTION_SYSTEM_SECTIONS](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_5-103414-3_09272013836_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	5
	Number of Rows	1
	Keyed	No
	Selectively Loaded	No
Electrical Characteristics	Dielectric Withstanding Voltage	750 Vrms
Body Features	Header Type	Shrouded
	Post Size	.64 mm [.025 in]
Contact Features	Contact Protection	With
	Contact Shape	Square
	Contact Type	Pin
	Contact Base Material	Copper Alloy
	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	
Termination Features	Termination Post Length	3.3 mm [.13 in]
	Termination End Plating Thickness (µin)	100 – 200
	Termination End Plating Material	Tin Over Nickel
	Termination Method to PC Board	Through Hole
Mechanical Attachment	PCB Mounting Style	Through Hole

PCB Mount Retention	Without
Panel Mount Retention	Without
Mating Alignment	With
Mating Connector Lock	Without
Mating Alignment Type	Polarization

Housing Features	Centerline	2.54 mm [.1 in]
	Housing Color	Black
	Housing Material	Thermoplastic
	Housing Style	4-Sided

Dimensions	Shrouded End Dimension	1.778 mm [.07 in]
	PCB Thickness (Recommended)	1.397 mm [.055 in]
	Mating Post Length	6.1 mm [.24 in]

Usage Conditions	Operating Temperature Range (°C)	-65 – 105
	High Temperature Housing	No

Operation/Application	High Speed Serial Data Connector	Yes
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Industry Standards	UL Flammability Rating	UL 94V-0
	Approved Standards	CSA LR7189, UL E28476

Packaging Features	Packaging Quantity	34
	Packaging Method	Tube

Product Compliance [Statement of Compliance PDF](#)
[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

<p>MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES</p>  <p>04 MODII HDR SRST SHRD .100CL 103414-2</p>	<p>SURFACE MOUNT RESISTORS</p>  <p>RN 0603 22K6 0.1% 10PPM CUT LENGTH RN73C1J22K6BTG</p>	<p>WIRE-TO-BOARD HEADERS & RECEPTACLES</p>  <p>06P MTA100 HDR ASSY FL/ST 30AU 641215-6</p>	<p>MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES</p>  <p>05 MODII HDR SRST SHRD .100CL 103414-3</p>
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RELATIONSHIP

Mating Products

Used to identify Mating Parts

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PRODUCT - MATING PRODUCTS		<input checked="" type="checkbox"/>
 <p>Product Drawing</p> <p>3D PDF</p>	<p>Connectors - FFC Connectors</p> <p>005 HOUSING FFC RCPT 100CL SR</p> <p>FFC FFC</p> <p>487769-3</p> <p>TE INTERNAL NUMBER: 487769-3</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Connector Type Housing</p> <p>Connector Style Receptacle</p> <p>Centerline 2.54 mm</p> <p>Number of Positions 5</p> <p>Number of Rows 1</p>