



MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE) 10 MODII HDR DRRA SHRD .100CL

AMPMODU | AMPMODU Headers

103166-3
TE Internal Number: 103166-3
Alias ID: 405268145

Not EU RoHS or ELV Compliant
[Find Compliant Alternatives](#)

Applies To **Printed Circuit Board**

Connector Style **Plug**
Centerline **2.54 mm [.1 in]**
Number of Positions **10**
Header Type **Shrouded**

Product Drawings

[HDR ASSY, MOD II, SHROUDED, 4 SIDES, DBL ROW, .100X.100 RIGHT ANGLE, W/ .025 SQ POSTS](#)
PDF
English

CAD Files

- [Customer View Model](#)
2D_DXF.ZIP
English
- [Customer View Model](#)
3D_IGS.ZIP
English
- [Customer View Model](#)
3D_STP.ZIP
English
- [3D PDF](#)
PDF
English

Product Environmental Compliance

TE Material Declaration [MD_103166-3_04162011114](#)
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	Right Angle
Connector Type	Header

	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	10
	Number of Rows	2
	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	Phosphor Bronze
	Contact Mating Area Plating Thickness (µin)	30
	Solder Tail Contact Plating Material	Tin-Lead over Nickel
	Contact Mating Area Plating Material	Gold
	Contact Protection Type	Shrouded
	Contact Current Rating (A)	3
Termination Features	Termination Post Length	3.43 mm [.135 in]
	Termination End Plating Thickness (µin)	100 – 200
	Termination End Plating Material	Tin
	Termination Method to PC Board	Through Hole
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

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

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]

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

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	160
	Packaging Method	Tray

Product Compliance [Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

<p>RIBBON CABLE CONNECTORS</p> <p>020 LOPRO HDR SP 30DP LATCH 104313-4</p>	<p>MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES</p>  <p>20 MODII HDR DRRA SHRD .100CL 103166-8</p>	<p>WIRE-TO-BOARD CONNECTOR HOUSINGS</p> <p>10 MTE PIN HSG SR RIB .100CL 104503-9</p>	<p>WIRE-TO-BOARD CONNECTOR HOUSINGS</p> <p>10 MODIV HSG COMP DR .100 POL 3-87977-0</p>
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