



BOARD-TO-BOARD HEADERS & RECEPTACLES



TE CONNECTIVITY (TE) 20 MODII 2PC HDR DR SHRD AMPMODU | AMPMODU

1-102692-6
TE Internal Number: 1-102692-6

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

Connector Style **Plug**

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

Number of Positions **20**

Packaging Method **Tube**

Contact Mating Area Plating Material **Gold**

Active

[PRODUCT DRAWING](#)
English

[3D PDF](#)

Product Drawings

[HEADER ASSEMBLY, MOD II, .100C.100CL, .025 SQ POSTS](#)

PDF
English

CAD Files

[3D PDF](#)

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[Customer View Model](#)

3D_IGS.ZIP
English

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3D_STP.ZIP
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2D_DXF.ZIP
English

Product Environmental Compliance

TE Material Declaration

[20 MODII 2PC HDR DR SHRD](#)

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

Connector Style	Plug
PCB Mounting Orientation	Vertical
Row-to-Row Spacing	2.54 mm [.1 in]
Product Type	Connector
Applies To	Printed Circuit Board

	Boss	Without
	Series	AMPMODU
	Connector Type	Header
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Configuration Features	Number of Positions	20
	Number of Rows	2
	Stackable	No
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Electrical Characteristics	Voltage (VAC)	250
	Insulation Resistance (MΩ)	1000
	Dielectric Withstanding Voltage (VACrms)	750
	Termination Resistance (MΩ)	12
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Body Features	Header Type	Standard
	Post Size	.64 mm [.025 in]
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Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness	.762 μm [30 μin]
	Contact Transmits (Typical)	Signal (Data)
	Contact Shape	Square
	Contact Current Rating (A)	2
	Contact Type	Pin
	Contact Protection	With
	Contact Protection Type	Shrouded
	Solder Tail Contact Plating Material	Tin-Lead over Nickel
	Solder Tail Contact Plating Thickness (μin)	100 – 200
Contact Base Material	Phosphor Bronze	
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Termination Features	Termination End Plating Material	Tin-Lead over Nickel
	Termination Method to PC Board	Through Hole - Solder
	Termination Post Length	4.57 mm [.18 in]
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Mechanical Attachment	Mating Alignment	With
	Mating Alignment Type	Guide Pins
	PCB Mount Retention	With
	PCB Mount Retention Type	Board Retention Tail

	PCB Mount Alignment	Without
	Mating Retention	Without
Housing Features	Centerline	2.54 mm [.1 in]
	Housing Material	Thermoplastic
	Housing Color	Black
Dimensions	Mating Post Length	5.08 mm [.2 in]
	Tail Length	4.572 mm [.18 in]
	Height	13.97 mm [.55 in]
	PCB Thickness (Recommended)	1.4 mm [.055 in]
Usage Conditions	Operating Temperature Range (°C)	-65 – 105
Operation/Application	Pick and Place Cover	Without
	Assembly Process Feature	Board Standoff
	For Use With	Receptacle Assembly
Industry Standards	UL Flammability Rating	UL 94V-0
	Approved Standards	CSA LR7189, UL E28476
Packaging Features	Packaging Method	Tube
	Packaging Quantity	56
Other	Comment	Headers with make first/break last posts can be made available.
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

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