



MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

40 MODII HDR DRST SHRD .100CL

AMPMODU | AMPMODU Headers

1-87608-6

TE Internal Number: 1-87608-6

Always EU RoHS/ELV Compliant

Applies To **Bulkhead, Printed Circuit Board**

Connector Style **Plug**

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

Number of Positions **40**

Header Type **Shrouded**

Product Drawings

Title Not Available For Initial StarTEC Data Load

PDF (TIFF AVAILABLE)
English

Title Not Available For Initial StarTEC Data Load

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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

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

Bulkhead, 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	40
	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
	Contact Mating Area Plating Material	Gold
	Contact Protection Type	Shrouded With Pins on Both Sides
	Contact Current Rating (A)	3
<hr/>		
Termination Features	Termination Post Length	8.38 mm [.33 in]
	Termination End Plating Thickness (µin)	30
	Termination End Plating Material	Gold Over Nickel
<hr/>		
Mechanical Attachment	PCB Mount Retention	Without
	Panel Mount Retention Type	Mounting Ears
	Mating Connector Lock Type	Detent Windows
	Panel Mount Retention	With
	Mating Alignment	With

Mating Alignment **.....**

Mating Connector Lock **With**

Mating Alignment Type **Polarization**

Housing Features

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

Housing Color **Black**

Housing Material **Nylon-GF**

Housing Style **4-Sided**

Dimensions

Shrouded End Dimension **1.68 mm [.066 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**

Industry Standards

UL Flammability Rating **UL 94V-0**

Approved Standards **CSA LR7189, UL E28476**

Packaging Features

Packaging Quantity **32**

Packaging Method **Tray**

Other

Comment **Mates with Mod. IV (both sides)**

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

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