+ **CONNECTORS**

MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES

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⬇ **PRODUCT DRAWING**
English

⬇ **3D PDF**

TE CONNECTIVITY (TE)

20 SYSTEM 50 HDR SRRA SHRD

AMPMODU | AMPMODU System 50

104074-4
TE Internal Number: 104074-4

5 of 6 EU RoHS/ELV Compliant
Find Compliant Alternatives

Applies To   **Printed Circuit Board**

Connector Style   **Plug**

Centerline   **1.27 mm [.05 in]**

Number of Positions   **20**

Header Type   **Shrouded**

Product Drawings

HEADER ASSEMBLY,RIGHT ANGLE SINGLE ROW, W/SIDE & END LATCHES AMPMODU SYSTEM 50
PDF
English

CAD Files

3D PDF
PDF
3D

Customer View Model
2D_DXF.ZIP
English

Customer View Model
3D_IGS.ZIP
English

Customer View Model
3D_STP.ZIP
English

Product Specifications

Application Specification

AMPMODU System 50 Thru-Hole Connectors
PDF
English

Product Environmental Compliance

TE Material Declaration

MD_104074-4_07252015519_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	**Right Angle**
	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	**20**
	Number of Rows	**1**
	Keyed	**No**
	Selectively Loaded	**No**
Electrical Characteristics	Voltage (VAC)	**30**
	Dielectric Withstanding Voltage	**500 V**
Body Features	Header Type	**Shrouded**
	Post Size	**.381 mm [.015 in]**
Contact Features	Contact Protection	**With**
	Contact Shape	**Round**
	Contact Type	**Pin**
	Contact Base Material	**Phosphor Bronze**
	Contact Mating Area Plating Thickness (µin)	**30**
	Solder Tail Contact Plating Material	**Tin-Lead**
	Contact Mating Area Plating Material	**Gold**
	Contact Protection Type	**Shrouded**
	Contact Current Rating (A)	**1**
Termination Features	Termination Post Length	**2.54 mm [.1 in]**
	Termination End Plating Thickness (µin)	**150 – 250**
	Termination End Plating Material	**Matte Tin-Lead**
	Termination Method to PC Board	**Through Hole**

Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Retention Type	Hold-Down Post(s)
	PCB Mount Retention	With
	Mating Connector Lock Type	Detent Latching
	Panel Mount Retention	Without
	Mating Alignment	With
	Mating Connector Lock	With
	Mating Alignment Type	Polarization

Housing Features	Centerline	1.27 mm [.05 in]
	Housing Color	Black
	Housing Material	Thermoplastic
	Housing Style	2-Sided

Dimensions	PCB Thickness (Recommended)	1.397 mm [.055 in]
	Mating Post Length	2.54 mm [.1 in]

Usage Conditions	Operating Temperature Range (°C)	-65 – 105

Industry Standards	UL Flammability Rating	UL 94V-0
	Approved Standards	CSA LR7189, UL E28476

Packaging Features	Packaging Quantity	16
	Packaging Method	Tube, Tube/Box

Other	Comment	**Position identification feature omitted on 4, 5 and 6-position headers., Note 1: Hold-down posts located as shown for 10 through 30-position headers., Note 2: Hold-down posts located as shown for 4 through 8 and 30 through 50-position headers.

Product Compliance

Statement of Compliance
PDF

VIEW ALL PRODUCT COMPLIANCE

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Relation Type ▼

Mating Products
Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS

Connectors - FFC Connectors
FFC | FFC

020 HOUSING FFC RCPT 050CL SR - 1-487545-7
TE INTERNAL NUMBER: 1-487545-7

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Always EU RoHS/ELV Compliant

Connector Type **Housing**

Connector Style **Receptacle**

Centerline **1.27 mm**

Number of Positions **20**

Number of Rows **1**

Mating Products
Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS

Connectors - FFC Connectors
FFC | FFC

020 HOUSING FFC RCPT 050CL SR - 1-487544-7
TE INTERNAL NUMBER: 1-487544-7

✔ Active

Always EU RoHS/ELV Compliant

Connector Type **Housing**

Connector Style **Receptacle**

Centerline **1.27 mm**

Number of Positions **20**

Number of Rows **1**