



MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



TE CONNECTIVITY (TE) 25 SYSTEM 50 HDR SRST SHRD AMPMODU | AMPMODU System 50

104071-5
TE Internal Number: 104071-5

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 **25**

Header Type **Shrouded**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

Product Drawings

[HEADER ASSEMBLY,VERTICAL, 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_104071-5_07242015550_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	Without
	Profile	Standard
	Product Type	Connector
Gasket	Without	
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Configuration Features	Number of Positions	25
	Number of Rows	1
	Keyed	No
	Selectively Loaded	No
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Electrical Characteristics	Voltage (VAC)	30
	Dielectric Withstanding Voltage	500 V
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Body Features	Header Type	Shrouded
	Post Size	.381 mm [.015 in]
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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
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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	Without
	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
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Industry Standards	UL Flammability Rating	UL 94V-0
	Approved Standards	CSA LR7189, UL E28476

Packaging Features	Packaging Quantity	13
	Packaging Method	Tube, Tube/Box


Other	Comment	**Position identification feature omitted on 4, 5 and 6-position headers.
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Product Compliance [Statement of Compliance PDF](#)
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Relation Type 

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - FFC Connectors
FFC | FFC

025 HOUSING FFC RCPT

050CL SR - 2-487544-2

TE INTERNAL NUMBER: 2-487544-2

✓ Active

Always EU RoHS/ELV Compliant

Connector Type **Housing**

Connector Style **Receptacle**

Centerline **1.27 mm**

Number of Positions **25**

Number of Rows **1**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - FFC Connectors
FFC | FFC

025 HOUSING FFC RCPT

050CL SR - 2-487545-2

TE INTERNAL NUMBER: 2-487545-2

✓ Active

Always EU RoHS/ELV Compliant

Connector Type **Housing**

Connector Style **Receptacle**

Centerline **1.27 mm**

Number of Positions **25**

Number of Rows **1**



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