



TE Connectivity: Every Connection Counts
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+ CONNECTORS

MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

50 MODII HDR DRST SHRD .100CL

[AMPMODU](#) | [AMPMODU Headers](#)

2-103169-3

TE Internal Number: 2-103169-3

[Not EU RoHS Compliant](#)

[Not EU ELV Compliant](#)

Applies To **Printed Circuit Board**

Connector Style **Plug**

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

Number of Positions **50**

Header Type **Shrouded**

Product Drawings

HDR ASSY, MOD II, SHROUDED, 4 SIDES, DBL ROW, VERTICAL, .100X.100 C/L, WITH .025 SQ POSTS

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
3D

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
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
Configuration Features	Number of Positions	50
	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	3.18 mm [.125 in]
	Termination End Plating Thickness (µin)	100 – 200
	Termination End Plating Material	Tin-Lead Over Nickel

	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	3.81 mm [.15 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
Industry Standards	UL Flammability Rating	UL 94V-0
	Approved Standards	CSA LR7189, UL E28476
Packaging Features	Packaging Quantity	32
	Packaging Method	Tray
Statement of Compliance	Statement of Compliance PDF	

Products - 1 Results

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Relation Type 

RELATIONSHIP
Mating Products
Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



-  [Product Drawing](#)
-  [3D PDF](#)

Connectors - FFC Connectors
050 HOUSING FFC RCPT DR 100CL
FFC | [FFC](#)
1-88179-2
TE INTERNAL NUMBER: 1-88179-2
Connector Type **Housing**
Connector Style **Receptacle**
Centerline **2.54 mm**
Number of Positions **50**
Number of Rows **2**

 Active

