



BOARD-TO-BOARD HEADERS & RECEPTACLES



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English

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TE CONNECTIVITY (TE)

100 SYS 50 RCPT ASSY DRST SN

[AMPMODU](#) | [AMPMODU System 50](#)

5-104078-8

TE Internal Number: 5-104078-8

[Always EU RoHS/ELV Compliant](#)

Connector Style **Receptacle**

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

Number of Positions **100**

Packaging Method **Tube, Tube/Box**

Contact Mating Area Plating Material **Gold**

Product Drawings

[RECEPTACLE ASSEMBLY,VERTICAL, AMPMODU System 50](#)

PDF
English

CAD Files

[3D PDF](#)

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[Customer View Model](#)

3D_IGS.ZIP
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3D_STP.ZIP
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2D_DXF.ZIP
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Catalog Pages/Data Sheets

[AMPMODU_INTERCONNECTION_SYSTEM_SECTION3AND4](#)

PDF
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[AMPMODU SYSTEM 50](#)

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[AMPMODU SYSTEM 50 QUICK REFERENCE GUIDE](#)

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Product Environmental Compliance

TE Material Declaration

[100 SYS 50 RCPT ASSY DRST SN](#)


PDF
English

| | | |
|----------------------------|---|-----------------------|
| Product Type Features | Connector Style | Receptacle |
| | PCB Mounting Orientation | Vertical |
| | Row-to-Row Spacing | 2.54 mm [.1 in] |
| | Applies To | Printed Circuit Board |
| | Product Type | Connector |
| | Boss | Without |
| | Series | AMPMODU |
| | Connector Type | Connector Assembly |
| Configuration Features | Number of Positions | 100 |
| | Number of Rows | 2 |
| Electrical Characteristics | Voltage (VAC) | 30 |
| | Insulation Resistance (MΩ) | 5000 |
| Contact Features | Contact Mating Area Plating Material | Gold |
| | Contact Mating Area Plating Thickness | .762 μm [30 μin] |
| | Contact Current Rating (A) | 4 |
| | Contact Type | Socket |
| | Solder Tail Contact Plating Material | Tin over Nickel |
| | Solder Tail Contact Plating Thickness (μin) | 150 |
| | Contact Base Material | Copper Alloy |
| Termination Features | Termination Method to PC Board | Through Hole |
| | Termination Post Length | 2.54 mm [.1 in] |
| Mechanical Attachment | PCB Mount Retention | With |
| | PCB Mount Retention Type | Hold-Down Posts |
| Housing Features | Centerline | 1.27 mm [.05 in] |
| | Housing Material | Thermoplastic |
| | Housing Color | Black |
| Dimensions | Tail Length | 2.54 mm [.1 in] |
| | Height | 8.89 mm [.35 in] |

| | | |
|-----------------------|--|-----------------------|
| Usage Conditions | Operating Temperature Range (°C) | -65 – 105 |
| Operation/Application | Pick and Place Cover | Without |
| | Assembly Process Feature | Board Standoff |
| | For Use With | Plug Assembly |
| Industry Standards | UL Flammability Rating | UL 94V-0 |
| | Approved Standards | CSA LR7189, UL E28476 |
| Packaging Features | Packaging Method | Tube, Tube/Box |
| | Packaging Quantity | 8 |
| Product Compliance | Statement of Compliance PDF | |
| | VIEW ALL PRODUCT COMPLIANCE | |

CUSTOMERS ALSO BOUGHT

SURFACE MOUNT RESISTORS




CPF 0402 10K 0.1% 25PPM 5K RL
CPF0402B10KE

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SURFACE MOUNT RESISTORS




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CPF0402B10K5E1

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M.2 CONNECTORS



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2199230-5

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Relation Type ▼

RELATIONSHIP
Mating Products
Used to identify Mating Parts

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| PRODUCT - MATING PRODUCTS | | | |
|---|--|------------------------------|-------------------------------------|
|  | Connectors - Multiple Config PCB Headers & Receptacles | Always EU RoHS/ELV Compliant | <input checked="" type="checkbox"/> |



AMPMODU | AMPMODU System 50
**100 SYS50 SMT HDRDR
SHD SN - 5-147377-8**
TE INTERNAL NUMBER: 5-147377-8

✓ Active

Applies To **Printed Circuit Board**
Connector Style **Plug**
Centerline **1.27 mm**
Number of Positions **100**
Header Type **Shrouded**

RELATIONSHIP
Mating Products
Used to identify Mating Parts

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PRODUCT - MATING PRODUCTS

Connectors - Multiple Config PCB Headers & Receptacles
AMPMODU | AMPMODU System 50
**100 SYSTEM 50 HDR
DRST SHRD SN
- 5-104666-6**
TE INTERNAL NUMBER: 5-104666-6

✓ Active

[Always EU RoHS/ELV Compliant](#)
Applies To **Printed Circuit Board**
Connector Style **Plug**
Centerline **1.27 mm**
Number of Positions **100**
Header Type **Shrouded**



RELATIONSHIP
Mating Products
Used to identify Mating Parts

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PRODUCT - MATING PRODUCTS

Connectors - Multiple Config PCB Headers & Receptacles
AMPMODU | AMPMODU System 50
**100 SYSTEM 50 HDR
DRRA SHRD SN
- 5-104477-7**
TE INTERNAL NUMBER: 5-104477-7

✓ Active

[Always EU RoHS/ELV Compliant](#)
Applies To **Printed Circuit Board**
Connector Style **Plug**
Centerline **1.27 mm**
Number of Positions **100**
Header Type **Shrouded**

