+ CONNECTORS

RJ45 CONNECTORS

✔ Active

⬇ **PRODUCT DRAWING**
   English

⬇ **3D PDF**

TE CONNECTIVITY (TE)

MJ,10MM,8P,SHLD,NOPNLTABS,SN

Mini PCI , PCF

1116503-2
TE Internal Number: 1116503-2

Always EU RoHS/ELV Compliant

Port Configuration   **Single**

Shielded   **Yes**

Jack Configuration   **1 x 1**

Connector Style   **Jack**

Inverted Jack Face   **No**

Product Drawings

MODULAR JACK ASSEMBLY, 8 POSITION, SHIELDED, 10mm WITHOUT PANEL TABS
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

Catalog Pages/Data Sheets

82066 - Modular Jacks And MRJ21 Product Catalog - Single Port Modular Jacks Section
PDF
English

1-1773464-9_MODULAR_JACKS_SINGLE_PORT_PCB_MOUNT
PDF
English

Product Specifications

Product Specification

High Performance Modular Plugs & Jacks, PCB Mounted
PDF
English

Application Specification

Modular Jacks
PDF
English

Product Environmental Compliance

TE Material Declaration

MD_1116503-2_020320141050_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	Shielded	Yes
	Connector Style	Jack
	Performance Category	Cat 5
	Profile	Low
	PCB Mounting Orientation	Side Entry (Right Angle)
	Product Type	Connector
	Latch Style	Standard
	Jack Type	RJ45
	Grounding Options	PCB Ground
	LED	Without
	Panel Stops	Without

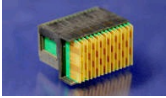| Configuration Features	Port Configuration	Single
	Jack Configuration	1 x 1
	Number of Positions	8
	Number of PCB Ground Tabs	2
	Preloaded	Yes
	Keyed	No

Body Features	Inverted Jack Face	No
	PCB Ground Tab Location	-3.05 mm [-.12 in]
	Shield Material	Copper Zinc Alloy
	Color	Black
	Shield Plating Material	Tin

Contact Features	Number of Contacts Loaded	8
	Solder Tail Contact Plating Material	Tin over Nickel
	Contact Base Material	Phosphor Bronze
	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness (µm)	1.27

Termination Features	Termination Method to PC Board	Solder

Mechanical Attachment	PCB Mounting Style	**Through Hole**
	Panel Mount Retention	**Without**
	Flanged	**No**

| Housing Features | Housing Material | **High Temperature Nylon** |

Dimensions	Height	**9.58 mm [.377 in]**
	PCB Thickness (Recommended)	**1.57 mm [.062 in]**
	PCB Tail Length	**3.48 mm [.137 in]**

| Industry Standards | UL Flammability Rating | **UL 94V-0** |

| Packaging Features | Packaging Quantity | **396** |
| | Packaging Method | **Box, Tray/Box** |

| Other | Comment | **Recommended applications: Fast Ethernet, 10Base-T Ethernet, and 10/100 Base-T Ethernet (Cat 5 on two pair 1/2, 3/6).** |

| Product Compliance | Statement of Compliance
PDF | |
| | VIEW ALL PRODUCT COMPLIANCE | |

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RECTANGULAR POWER CONNECTORS

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5223995-4

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