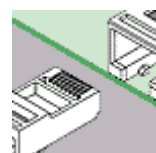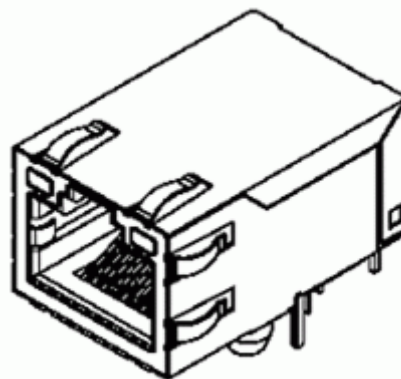| English | Español | Français | Italiano | Deutsch | Polski | Português | По Русски | 中文显示 | 日本語 |
| 한국어 |

Datasheet
Modular Plugs and Jacks Overview

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48025-0002

Modular Jack, Right Angle, HyperJack™, 10/100, with Integrated Magnetic and LED, 8/8, Tail Length 2.80mm (.110")

| View all parts in series 48025 | ✉ E-mail this page | Samples | Distributor Stock |

Status	**Active**
Component	**PCB Jack**
Ports	**1**
Positions / Loaded Contacts	**8/8**
Orientation	**Right Angle (Side Entry)**
Inverted / Top Latch	**Yes**
Product Name	**RJ45, HyperJack™**
Performance Category	**5**
Shielded	**Yes**
Lightpipes/LEDs	**Lightpipes**
Keying to Mating Part	**Keying Option RJ45**
M O U N T I N G	
Profile	**Low**
Grounding to Panel	**Panel Ground Tab**
Grounding to PCB	**Yes**
PCB Mounting	**Through Hole**
Surface Mount Compatible (SMC)	**Yes**
PCB Retention	**Solder Pin**
PCB Locator	**Plastic Pegs**
PCB Thickness	**1.6mm (.062")**
P H Y S I C A L	
Contact	**Phosphor Bronze (CuSn)**
Plating Contact	**1.3µm (50µ") Gold (Au)**
Plating Tail	**2.5µm (100µ") Tin (Sn)**
Under Plating	**Nickel (Ni)**
Packaging	**Tray**
Housing Material	**PA Polyamide (Nylon), High Temperature, Glass-filled**
Color	**Black**

E N V I R O N M E N T	
RoHS Status	**ELV and RoHS Compliant**
Lead-free Process Capability	**SMC & Wave Capable (TH only)**
Process Temperature max. (C)	**260**

- RJ45 with integrated magnetic for space saving on the motherboard
- Meets 1.60mm (.063") PCB requirements
- Plug latch on top

Flammability	**UL 94V-0**
Comment	**Tail Length: 2.80mm (.110"), With LED**
Durability [mating cycles] min.	**750 cycles**
E L E C T R I C A L	
Current-max [amps]	**1.5A**
Voltage-max [volts]	**150V**
Withstanding Voltage	**1500V**
Contact Resistance [ohms]	**20 milliohms max.**
Insulation Resistance [ohms]	**500 Megohms min.**
R E F E R E N C E	
Mates With	**FCC 68 Plugs**
Temperature Range	**-40°C to +70°C**
Product Specification	**PS-48025-004**
Circuits / Positions	**8**
Loaded Contacts	**8**
Insertion Loss-max.	**1.20 dB**
Return Loss	**16 dB**
Common Mode Rejection (CMR)	**50 dB**
Pitch / Center Spacing	**1.27mm (.050")**
Molex Series	**48025**

For all product dimensions, please refer to Drawing (PDF).