

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0441440003

Status:

Active

Overview:

Description:

Modular Jack, Right-Angle, Low Profile, Surface Mount, 8/8, 1.27µm Gold Plating

Agency Certification

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E107635 |

General

|                           |                        |
|---------------------------|------------------------|
| Product Family            | Modular Jacks/Plugs    |
| Series                    | 44144                  |
| Comments                  | Flush Solder Tabs      |
| Component Type            | PCB Jack               |
| Magnetic                  | No                     |
| Overview                  | modular_plugs_jacks    |
| Performance Category      | 3                      |
| Power over Ethernet (PoE) | N/A                    |
| Product Name              | Modular Jack 8/8, RJ45 |
| UPC                       | 800753922990           |

Physical

|                                |                                |
|--------------------------------|--------------------------------|
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 500                            |
| Flammability                   | 94V-0                          |
| Inverted / Top Latch           | No                             |
| Jack Height                    | 11.73mm                        |
| Lightpipes/LEDs                | None                           |
| Material - Metal               | Phosphor Bronze                |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 2.682/g                        |
| Orientation                    | Right Angle (Side Entry)       |
| PCB Retention                  | Yes                            |
| Packaging Type                 | Embossed Tape on Reel          |
| Pitch - Mating Interface       | 1.02mm                         |
| Pitch - Termination Interface  | 1.27mm                         |
| Plating min - Mating           | 1.270µm                        |
| Plating min - Termination      | 2.540µm                        |
| Port Configuration             | 1x1                            |
| Positions / Loaded Contacts    | 8/8                            |
| Temperature Range - Operating  | -40° to +70°C                  |
| Termination Interface: Style   | Surface Mount                  |
| Wire/Cable Type                | N/A                            |

Electrical

|                               |               |
|-------------------------------|---------------|
| Current - Maximum per Contact | 1.5A          |
| Shielded                      | No            |
| Voltage - Maximum             | 150V AC (RMS) |

Solder Process Data

|                                                |        |
|------------------------------------------------|--------|
| Duration at Max. Process Temperature (seconds) | 030    |
| Lead-freeProcess Capability                    | REFLOW |
| Max. Cycles at Max. Process Temperature        | 001    |
| Process Temperature max. C                     | 235    |

Material Info

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

44144 Series

Mates With

FCC 68 Plugs

**Reference - Drawing Numbers**

Packaging Specification  
Sales Drawing

PK-70873-700+-001, PK-70873-700X-001  
SD-44144-001, SD-44144-001-001

This document was generated on 07/31/2021

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**