

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0430901505**  
**Status:** **Active**  
**Overview:** Magnetic and Modular Jacks/Plugs  
**Description:** Modular Jack, Vertical, Low Profile, 8/10

**Documents:**

[3D Model](#) [Packaging Specification PK-42878-492 \(PDF\)](#)  
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E107635

**General**

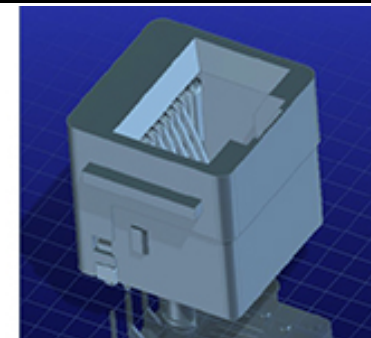
Product Family Modular Jacks/Plugs  
 Series 43090  
 Component Type PCB Jack  
 Magnetic No  
 Overview Magnetic and Modular Jacks/Plugs  
 Performance Category 3  
 Power over Ethernet (PoE) N/A  
 Product Name Modular Jack 8/10  
 UPC 822350422451

**Physical**

Color - Resin Black  
 Durability (mating cycles max) 500  
 Flammability 94V-0  
 Inverted / Top Latch No  
 Jack Height 12.70mm  
 Lightpipes/LEDs None  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin Liquid Crystal Polymer  
 Net Weight 2.778/g  
 Orientation Vertical (Top Entry)  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.19mm  
 Packaging Type Tray  
 Pitch - Mating Interface 1.27mm  
 Pitch - Termination Interface 1.27mm  
 Plating min - Mating 1.270µm  
 Plating min - Termination 2.540µm  
 Port Configuration 1x1  
 Positions / Loaded Contacts 8/10  
 Temperature Range - Operating -40° to +85°C  
 Termination Interface: Style Through Hole  
 Wire/Cable Type N/A

**Electrical**

Current - Maximum per Contact 1.5A  
 Grounding to PCB No  
 Grounding to Panel None  
 Shielded No  
 Voltage - Maximum 150V AC (RMS)



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2020)4578-DC (25  
 June 2020)

**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**

43090 Series

**Mates With**

FCC 68 Plugs

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	030
Lead-free Process Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	255

**Material Info****Reference - Drawing Numbers**

Packaging Specification	PK-42878-492
Sales Drawing	SD-43090-001

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