

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0438146421](#)
Status: **Active**
Overview: [Magnetic and Modular Jacks and Plugs](#)
Description: Modular Jack, Right-Angle, Low Profile, Inverted, 6/4, 2 Ports

Documents:

[3D Model](#) [Product Specification PS-43860-003 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E107635

General

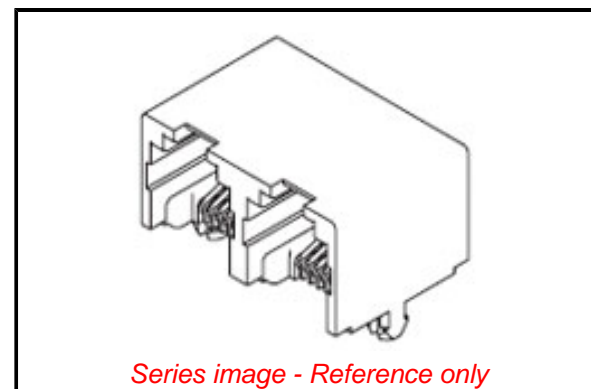
Product Family Modular Jacks/Plugs
 Series 43814
 Comments Inverted
 Component Type PCB Jack
 Magnetic No
 Overview [Magnetic and Modular Jacks and Plugs](#)
 Performance Category 3
 Power over Ethernet (PoE) N/A
 Product Name Modular Jack 6/4
 UPC 800753797253

Physical

Color - Resin Black
 Durability (mating cycles max) 500
 Flammability 94V-0
 Inverted / Top Latch Yes
 Jack Height 12.70mm
 Lightpipes/LEDs None
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 3.070/g
 Orientation Right Angle (Side Entry)
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.57mm
 Packaging Type Tube
 Pitch - Mating Interface 1.02mm
 Pitch - Termination Interface 1.02mm
 Plating min - Mating 1.270µm
 Plating min - Termination 2.540µm
 Ports 2
 Positions / Loaded Contacts 6/4
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating -40° to +85°C
 Termination Interface: Style Through Hole
 Waterproof / Dustproof No
 Wire/Cable Type N/A

Electrical

Current - Maximum per Contact 1.5A
 Shielded No



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/61/2018 (27 June
 2018)

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

43814 Series

Mates With

FCC 68 Plugs

Voltage - Maximum 150V AC (RMS)

Solder Process Data

Duration at Max. Process Temperature (seconds) 005

Lead-free Process Capability WAVE

Max. Cycles at Max. Process Temperature 001

Process Temperature max. C 260

Material Info

Reference - Drawing Numbers

Product Specification PS-43860-003

Sales Drawing SD-43814-001

This document was generated on 10/26/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[43814-6421](#)