

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0438146621](#)
Status: **Active**
Overview: Magnetic and Modular Jacks and Plugs
Description: Modular Jack, Right Angle, Low Profile, Inverted, 6/6, 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

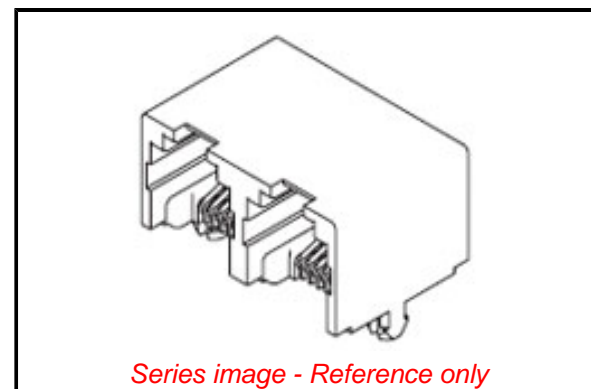
Product Family Modular Jacks/Plugs
 Series [43814](#)
 Comments Inverted
 Component Type PCB Jack
 Magnetic No
 Overview Magnetic and Modular Jacks and Plugs
 Performance Category 3
 Power over Ethernet (PoE) N/A
 Product Name Modular Jack 6/6
 UPC 800753797291

Physical

Boot Color N/A
 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 3.170/g
 Orientation Right Angle (Side Entry)
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm
 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 6/6
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating -40°C to +85°C
 Termination Interface: Style Through Hole
 Waterproof / Dustproof No
 Wire/Cable Type N/A

Electrical

Current - Maximum per Contact 1.5A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/30/2017 (7 July
 2017)

Halogen-Free

Status

Not Low-Halogen

**Need more information on product
 environmental compliance?**

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any
 non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[43814 Series](#)

Mates With

FCC 68 Plugs

Shielded	No
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 09/05/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION