

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0437436001](#)
Status: **Active**
Overview: [Magnetic and Modular Jacks and Plugs](#)
Description: [Modular Jack, Right Angle, Low Profile, Surface Mount, 6/6](#)

Documents:

[3D Model](#) [Packaging Specification PK-70873-700 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-43743-0001-001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E107635

General

Product Family Modular Jacks/Plugs
 Series [43743](#)
 Comments Outboard Solder Tabs
 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 800753236431

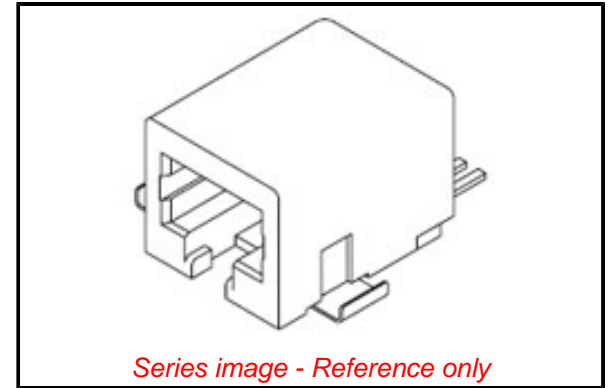
Physical

Color - Resin Black
 Durability (mating cycles max) 500
 Flammability 94V-0
 Inverted / Top Latch No
 Jack Height 11.74mm
 Lightpipes/LEDs None
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 2.430/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
 Ports 1
 Positions / Loaded Contacts 6/6
 Surface Mount Compatible (SMC) N/A
 Temperature Range - Operating -40°C to +80°C
 Termination Interface: Style Surface Mount
 Wire/Cable Type N/A

Electrical

Current - Maximum per Contact 1.5A
 Shielded No
 Voltage - Maximum 125V

Solder Process Data



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

[43743 Series](#)

Mates With

FCC 68 Plugs

| | |
|--|--------|
| 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

Reference - Drawing Numbers

| | |
|-------------------------|-------------------|
| Packaging Specification | PK-70873-700* |
| Product Specification | PS-43743-0001-001 |
| Sales Drawing | SDA-43743-**** |

This document was generated on 10/12/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION