

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0437436201](#)
Status: **Active**
Overview: [Magnetic and Modular Jacks and Plugs](#)
Description: [Modular Jack, Right Angle, Low Profile, Surface Mount, 6/2](#)

Documents:

| | |
|---|--|
| 3D Model | Packaging Specification PK-70873-700 (PDF) |
| Drawing (PDF) | Packaging Specification PK-70873-700-001 (PDF) |
| Product Specification PS-43743-0001-001 (PDF) | RoHS Certificate of Compliance (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 6/2 |
| UPC | 756054506486 |

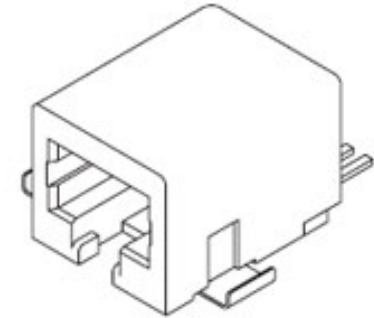
Physical

| | |
|--------------------------------|--------------------------------|
| 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 | 2.255/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 | 6/2 |
| 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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

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 | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | 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*, PK-70873-700+-001 |
| Product Specification | PS-43743-0001-001 |
| Sales Drawing | SDA-43743-**** |

This document was generated on 07/20/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION