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Part Number: **0438410003**
Status: **Active**
Overview: Modular Jacks and Plugs
Description: Modular Jack, Right Angle, Low Profile, Surface Mount, 8/8, 2 Ports

Documents:

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

Agency Certification

CSA LR19980
 UL E107635

General

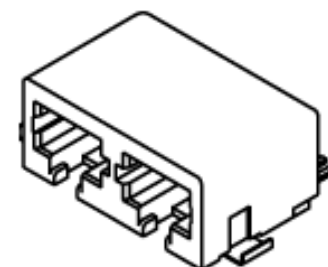
Product Family Modular Jacks/Plugs
 Series [43841](#)
 Comments Outboard Solder Tabs
 Component Type PCB Jack
 Magnetic No
 Overview [Modular Jacks and Plugs](#)
 Performance Category 3, 4
 Power over Ethernet (PoE) N/A
 Product Name RJ45
 UPC 800754797283

Physical

Boot Color N/A
 Color - Resin Black
 Durability (mating cycles max) 500
 Flammability 94V-0
 Inverted / Top Latch No
 Jack Height 11.80mm
 Lightpipes/LEDs None
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 5.265/g
 Orientation Right Angle (Side Entry)
 PCB Locator No
 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 2
 Positions / Loaded Contacts 8/8
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -40°C to +70°C
 Termination Interface: Style Surface Mount
 Waterproof / Dustproof No
 Wire/Cable Type N/A

Electrical

Current - Maximum per Contact 1.5A
 Shielded No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

No -ED/39/2015 (15 June 2015)

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

Green Image

Not Relevant

Search Parts in this Series

[43841 Series](#)

Mates With

FCC 68 Plugs

Voltage - Maximum 150V AC (RMS)

Solder Process Data

Lead-free Process Capability REFLOW
Process Temperature max. C 235

Material Info

Reference - Drawing Numbers

Product Specification PS-43743-0001
Sales Drawing SD-43841-001

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[HX6106NLT](#) [75586-0004-CUT-TAPE](#) [JC0-0201NL](#) [0432498916](#) [0757840156](#) [0424104168](#) [0432028917](#) [93899-001LF](#) [9455511103](#)
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