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Part Number:

0437438101

Status:

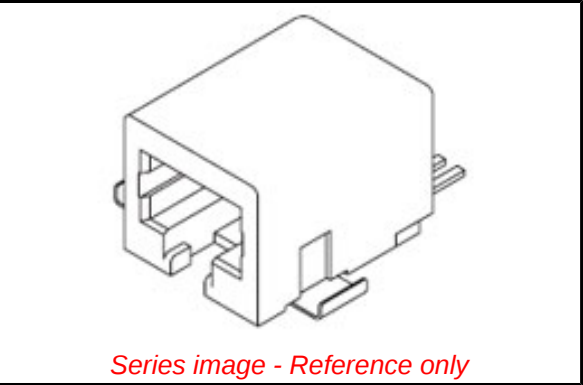
Active

Overview:

Modular Jacks and Plugs

Description:

Modular Jack, Right Angle, Low Profile, Surface Mount, 8/8



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	Modular Jacks and Plugs
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Name	RJ45
UPC	800753238046
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	2.772/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	8/8
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

China RoHS

Compliant

REACH SVHC

Not Contained Per

-ED/01/2017 (12

January 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

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*
Product Specification	PS-43743-0001-001
Sales Drawing	SDA-43743-****

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