

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0438600013

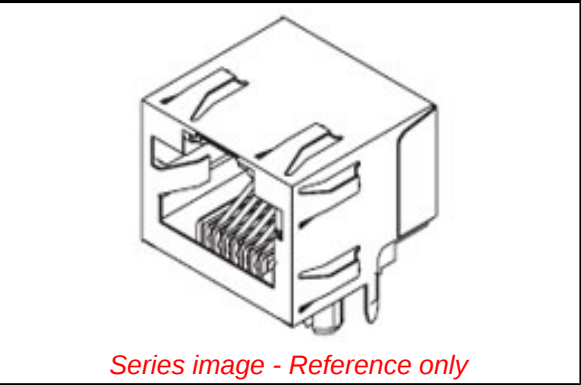
Status:

Active

Overview:

Description:

Modular Jack, Right Angle, Low Profile, Inverted, Shielded, Offset Panel Grounding Tabs, 8/8



Documents:	
3D Model	Product Specification PS-43860-003 (PDF)
Packaging Specification (PDF)	RoHS Certificate of Compliance (PDF)
Drawing (PDF)	

General	
Product Family	Modular Jacks/Plugs
Series	43860
Component Type	PCB Jack
Overview	RJ-45 Ethernet
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Name	RJ45
Physical	
Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0
Inverted / Top Latch	Yes
Lightpipes/LEDs	None
Material - Metal	Brass
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Orientation	Right Angle (Side Entry)
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Panel Mount	With Flange
Pitch - Mating Interface (in)	0.040 In
Pitch - Mating Interface (mm)	1.02 mm
Plating min: Mating (µin)	50
Plating min: Mating (µm)	1.25
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.5
Ports	1
Positions / Loaded Contacts	8/8
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	
CSA	LR19980
Current - Maximum	1.5A
Grounding to PCB	Yes

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Halogen-Free

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

43860 Series

Mates With

FCC 68 Plugs

Grounding to Panel Shielded	Offset Panel Ground Tabs
UL	Yes
Voltage - Maximum	E107635
	150V AC (RMS)
Solder Process Data	
Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-43860-003
Product Specification	RPS-43860-004
Product Specification	RPS-43860-007
Product Specification	RPS-43860-008
Product Specification	RPS-43860-013
Sales Drawing	SD-43860-001

This document was generated on 11/04/2009

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION