![molex logo](one company > a world of innovation)

Part Number:	**0428788506**
Status:	**Active**
Overview:	modular_plugs_jacks
Description:	Modular Jack, Vertical, Low Profile, 8/8

Documents:

3D Model	Test Summary TS-42878-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-42878 (PDF)	

Series
image - Reference only

Agency Certification
CSA	LR19980
UL	E107635

General
Product Family	Modular Jacks/Plugs
Series	42878
Comments	Flush Mount|Flangeless|2 PCB Thick
Component Type	PCB Jack
Magnetic	No
Overview	modular_plugs_jacks
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Name	RJ45

Physical
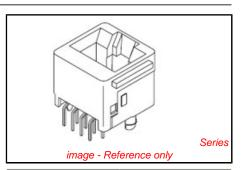|	
Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0
Inverted / Top Latch	N/A
Lightpipes/LEDs	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Orientation	Vertical (Top Entry)
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	3.18mm (.125")
Packaging Type	Tray
Pitch - Mating Interface	1.02mm (.040")
Pitch - Termination Interface	1.27mm (.050")
Plating min - Mating	1.270μm (50μ")
Plating min - Termination	2.540μm (100μ")
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
Current - Maximum per Contact	1.5A
Shielded	No

EU RoHS **China RoHS**
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Low-Halogen Status
Not Reviewed

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
42878Series

Mates With
FCC 68 Plugs

| Voltage - Maximum | 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	235

Material Info

Reference - Drawing Numbers

Product Specification	PS-42878
Sales Drawing	SDA-42878-****
Test Summary	TS-42878-001

This document was generated on 03/04/2011

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION