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Part Number: **0428788506**

Status: **Active**

Overview: Magnetic and Modular Jacks/Plugs
Description: Modular Jack, Vertical, Low Profile, 8/8

Series image - Reference only

Documents:

3D Model (PDF)	Packaging Specification PK-42878-492-001 (PDF)
3D Model	Test Summary TS-42878-001-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-42878-001 (PDF)	

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	Magnetic and Modular Jacks/Plugs
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Name	Modular Jack 8/8, RJ45
UPC	800753827998

Physical
Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0
Inverted / Top Latch	N/A
Jack Height	12.70mm
Lightpipes/LEDs	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	2.246/g
Orientation	Vertical (Top Entry)
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	3.18mm
Packaging Type	Tray
Pitch - Mating Interface	1.02mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	1.270µm
Plating min - Termination	2.540µm
Port Configuration	1x1
Positions / Loaded Contacts	8/8
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No
Wire/Cable Type	N/A

EU ELV
Not Relevant

EU RoHS | **China RoHS**
Compliant

REACH SVHC
Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free
Status
Not Low-Halogen

For more information, please visit Contact US

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
42878 Series

Mates With
FCC 68 Plugs

Electrical

Current - Maximum per Contact   1.5A
Shielded   No
Voltage - Maximum   150V AC (RMS)

Solder Process Data

Duration at Max. Process Temperature (seconds)   005
Lead-freeProcess Capability   WAVE
Max. Cycles at Max. Process Temperature   001
Process Temperature max. C   235

Material Info

Reference - Drawing Numbers

Packaging Specification   PK-42878-492-001
Product Specification   PS-42878-001
Sales Drawing   SDA-42878-XXXX-001
Test Summary   TS-42878-001-001

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