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Part Number:

0428788410

Status:

Active

Overview:

Magnetic and Modular Jacks/Plugs

Description:

Modular Jack, Vertical, Low Profile, 8/8

Documents:

3D Model (PDF)

3D Model

Drawing (PDF)

Product Specification PS-42878-001 (PDF)

Packaging Specification PK-42878-492-001 (PDF)

Test Summary TS-42878-001-001 (PDF)

RoHS Certificate of Compliance (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	
Taxonomy	Modular Jacks and Plugs	
UPC	800754383233	
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	2.255/g	
Orientation	Vertical (Top Entry)	
PCB Locator	Yes	
PCB Retention	Yes	
PCB Thickness - Recommended	1.57mm	
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	



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
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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