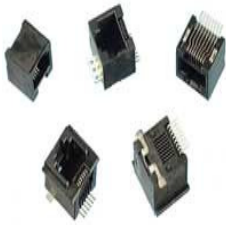


**87547-4111LF - Modular Jack : Cat 3
Single, Vertical, Surface Mount, 8 Positions,
1 Port**



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Specifications

Approvals / Certifications

UL File Number	E82037
CSA File Number	LR46923
Approvals / Certifications	UL and CSA Approved

Mechanical

Durability (Mating cycles)	250 Cycles
Mating force	20N max.
Retention force	22.5N (5 lbf)

Dimensional

Height (Above board)	Standard
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Electrical

Attenuation	0.4 dB max. at 16 MHz
Crosstalk loss	-34 dB at 16 Mhz
Current rating	+30°C with all Contacts Powered at 1A
Resistance (Contact)	20 milli ohms max. per EIA 364-23
Resistance (Insulation)	500 M-ohms min.
Return Loss	0.07 max. to 20 Mhz, 0.2 max. to 100 Mhz
Voltage rating	1000 volts Signal to Signal AC or DC

General

Keyed	No
Location Peg	Surface Mount Peg
# Contacts/ Port	8
Number of Ports	1
Orientation	Vertical
Panel Stops	Yes
Performance Category	Cat 3
Product Style	Single
Shield (Style)	None
Shielded	No
Positions Loaded	All
Mating half	Mates with Modular Plugs conforming to FCC Part 68, Subpart F
Series Number	87547

Mounting

Mounting style	Surface Mount
Solder process	Wave IR
Other Features	
Most Popular Configuration	Not Applicable
Packaging (Type)	Tape and Reel
Physical	
Color (Housing)	Black
Material (Contact)	Copper Alloy
Material (Housing)	High Temp Thermoplastic
Plating (Contact area)	0.76 μm (30 $\mu\text{in.}$) Gold
Underplating (Contact)	2.54 μm (100 $\mu\text{in.}$) Nickel
Flammability rating	Meets UL-94 V-0