

54602-910LF - Modular Jack
: Cat 3 Single Modular Jack,
Horizontal, Board Through
Mount, 10P10C, 1 Port



Specifications

General	
Keyed	Yes
Location Peg	Snap
Number of contacts	10
Number of contacts (Loaded)	All
Number of Ports	1
Orientation	Horizontal
Panel Stops	No
Performance Category	CAT3
Product Style	Single
Shield (Style)	None
Shielded	No
Mating half	mates with Modular Plugs conforming to FCC Part 68, Subpart F
Series Number	54602
Physical	
Color (Housing)	Black
Material (Contact)	Copper Alloy
Material (Housing)	PBT
Plating (Contact)	0.38 µm (15 µin.) Gold over Nickel
Underplating (Contact)	1.27 µm (50 µin.) Nickel
Flammability rating	meets UL94
Dimensional	
Height (Above board)	Low Profile
Length (Tail)	3.25 mm
Thickness (Board)	1.6 mm (0.063 in.)
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)	21 milli ohms max. per EIA 36423
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
Mechanical	
Durability (Mating cycles)	250 Cycles
Mating force	20N max.

Retention force	22.5N (5 lbf)
Mounting	
Ground tabs	None
Mounting ears	No
Mounting style	Board Through Mount
Solder process	Wave
Approvals / Certifications	
Approvals / Certifications	UL Approved
Other Features	
Most Popular Configuration	Not Applicable
Options (Miscellaneous)	Housing height 12.7 mm (0.5 in.)
Packaging (Type)	Corrugated Honey comb box