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







**Specifications** 

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
Series Number	54602
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
/lechanical	
Durability (Mating cycles)	250 Cycles
Mating force	20N max.
Retention force	22.5N (5 lbf)

Ground tabs	None	
Mounting ears	No	
Mounting style	Board Through Mount	
Solder process	Wave	
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	
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	

