

**69253-001LF - Modular Jack : Cat 3,  
Vertical, Through Mount, Unshielded  
Diamond Peg, 4 Positions, 1 Port**



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## Specifications

<b>Approvals / Certifications</b>	
<b>UL File Number</b>	E82037
<b>CSA File Number</b>	LR46923
<b>Approvals / Certifications</b>	UL and CSA Approved
<b>Mechanical</b>	
<b>Durability (Mating cycles)</b>	250 Cycles
<b>Mating force</b>	20N (4.5 lbf)
<b>Retention force</b>	22.5N (5 lbf)
<b>Dimensional</b>	
<b>Height (Above board)</b>	Standard
<b>Length (Overall pin)</b>	3.18 mm (0.125 in.)
<b>Electrical</b>	
<b>Attenuation</b>	0.4 dB max. at 16 MHz
<b>Crosstalk loss</b>	-34 dB at 16 Mhz
<b>Current rating</b>	+30°C with all Contacts Powered at 1A
<b>Resistance (Contact)</b>	20 milli ohms max. per EIA 364-23
<b>Resistance (Insulation)</b>	500 M-ohms min.
<b>Return Loss</b>	0.07 max. to 20 Mhz, 0.2 max. to 100 Mhz
<b>Voltage rating</b>	1000 volts Signal to Signal AC or DC
<b>General</b>	
<b>Keyed</b>	No
<b>Location Peg</b>	Diamond
<b># Contacts/ Port</b>	4
<b>Number of Ports</b>	1
<b>Orientation</b>	Vertical
<b>Panel Stops</b>	Yes
<b>Performance Category</b>	Cat 3
<b>Product Style</b>	Single
<b>Shield (Style)</b>	None
<b>Shielded</b>	No
<b>Positions Loaded</b>	All
<b>Mating half</b>	Mates with Modular Plugs conforming to FCC Part 68, Subpart F
<b>Series Number</b>	69253

<b>Mounting</b>	
<b>Mounting style</b>	Board Through Mount
<b>Solder process</b>	Wave
<b>Other Features</b>	
<b>Most Popular Configuration</b>	Yes
<b>Packaging (Type)</b>	Tube
<b>Physical</b>	
<b>Color (Housing)</b>	Black
<b>Material (Contact)</b>	Copper Alloy
<b>Material (Housing)</b>	Polyester, PBT
<b>Plating (Contact area)</b>	0.76 $\mu\text{m}$ (30 $\mu\text{in.}$ ) GXT™
<b>Underplating (Contact)</b>	2.54 $\mu\text{m}$ (100 $\mu\text{in.}$ ) Nickel
<b>Flammability rating</b>	Meets UL-94 V-0