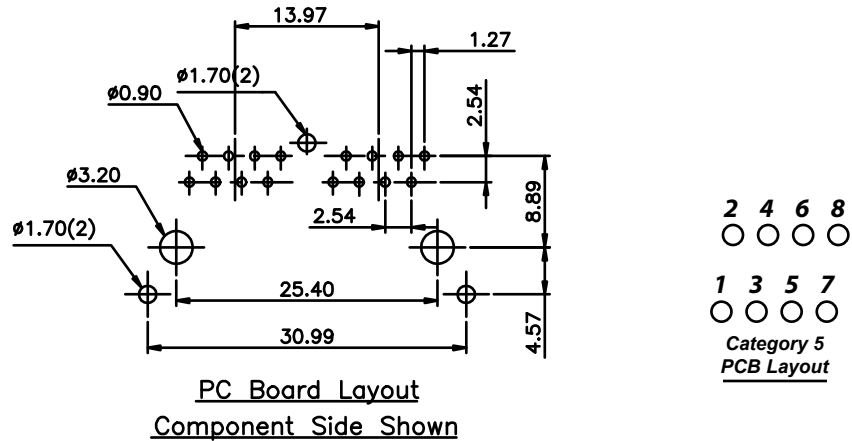


**CAT 5 DATA TABLE:**

Frequency	Near-End Cross Talk dB, MIN.	Return Loss dB, MIN.	Attenuation dB, MAX.
1.0 MHZ	65	23	0.1
4.0 MHZ	65	23	0.1
8.0 MHZ	62	23	0.1
10.0 MHZ	60	23	0.1
16.0 MHZ	56	23	0.2
20.0 MHZ	54	23	0.2
25.0 MHZ	52	14	0.2
31.25 MHZ	50	14	0.2
62.5 MHZ	44	14	0.3
100.0 MHZ	40	14	0.4



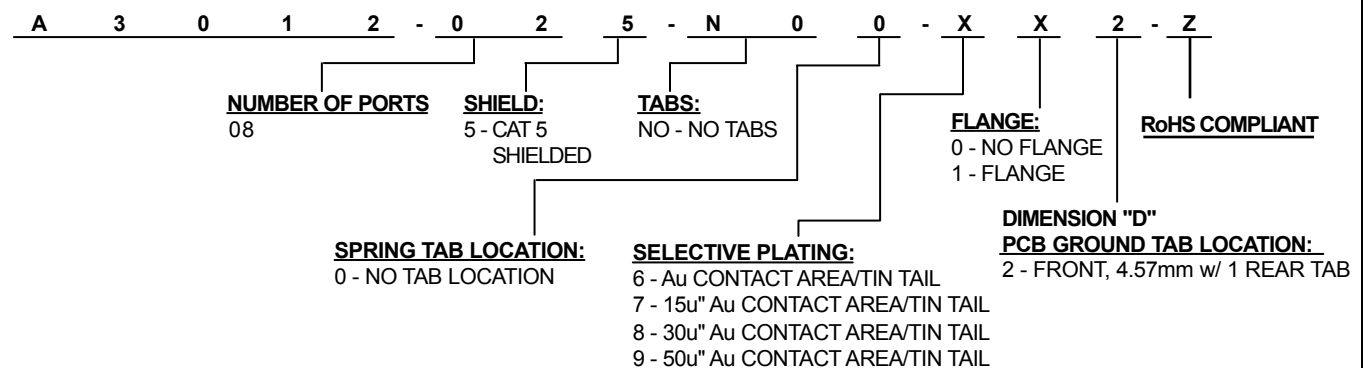
**ELECTRICAL:**

VOLTAGE RATING: 125 VAC RMS.  
 CURRENT RATING: 1.5A  
 CONTACT RESISTANCE: < 50 mΩ Max.  
 INSULATION RESISTANCE: > 1000 MΩ Min. at 500 VDC  
 DIELECTRIC WITHSTANDING VOLTAGE:  
 1000V (rms) AC 60Hz for 1 Minute  
 OPERATING TEMPERATURE: 0° C to +70° C

**MATERIAL:**

HOUSING: Thermoplastic (UL94V-0)  
 SHIELD: 0.25mm Thickness Copper Alloy  
 CONTACT: 0.35mm Thickness Phosphor Bronze  
 PLATING: Gold Plating over Nickel in Contact  
 Tin Plating over Nickel in Solder Area  
 SHIELD: Brass with Nickel Plating

**HOW TO ORDER:**



Rev		Apv.	Date	<b>SMP TECHNOLOGY, INC.</b>
0	Issued	D.H.	05/21/04	
				RJ45, 2 Port, Side Entry, CAT 5 Shielded, Front 4.57mm
SCALE:n/a				
TOL. DEC.	.X +/- 0.2	.XX +/- 0.15	.XXX +/- 0.075	ANGLE +/- 0.5°
				UNIT: mm
				P/N: A3012 - 025 - N00 - XX2-Z
				Pg: 1