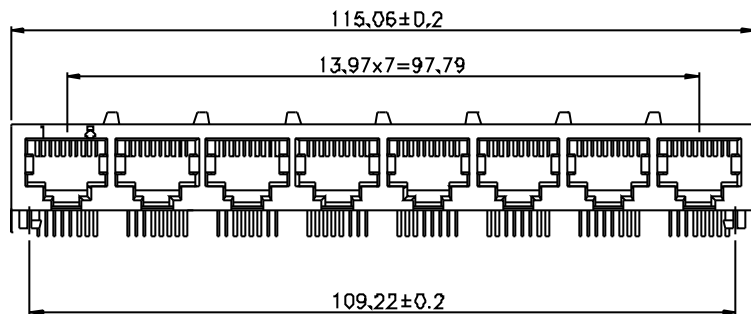
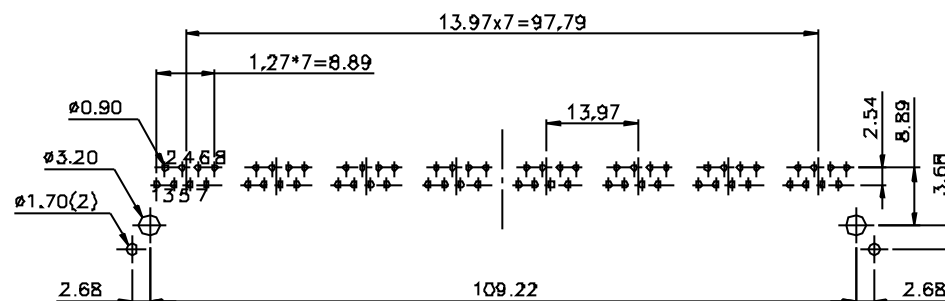


CAT 5e DATA TABLE:

Frequency MHz	Near-End Cross Talk dB, Min.	Return Loss dB, Min.	Attenuation dB, Max.
1.0	65	30	0.1
4.0	65	30	0.1
8.0	64.9	30	0.1
10.0	63	30	0.1
16.0	58.9	30	0.2
20.0	57	30	0.2
25.0	55	30	0.2
31.25	53.1	30	0.2
62.5	47.1	24.1	0.3
100.0	43	20	0.4



PC Board Layout
Component Side Shown

VOLTAGE RATING: 125 VAC RMS.
CURRENT RATING: 1.5A
CONTACT RESISTANCE: < 50 mW Max.
INSULATION RESISTANCE: > 1000 MW 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:

<u>A</u>	<u>3</u>	<u>0</u>	<u>1</u>	<u>2</u>	<u>-</u>	<u>0</u>	<u>8</u>	<u>5</u>	<u>-</u>	<u>S</u>	<u>T</u>	<u>1</u>	<u>-</u>	<u>X</u>	<u>0</u>	<u>1</u>	<u>-</u>	<u>Z</u>
<u>NUMBER OF PORTS</u> 08 PORTS					<u>SHIELD:</u> 5 - CAT 5e SHIELDED			<u>TABS:</u> ST - SPRING TABS			<u>FLANGE:</u> 0 - NO FLANGE			<u>RoHS</u> <u>COMPLIANT</u>				
<u>SPRING TAB LOCATION:</u> 1 - SPRING TABS ON TOP					<u>SELECTIVE PLATING:</u> 6 - Au CONTACT AREA/TIN TAIL 7 - 15u" Au CONTACT AREA/TIN TAIL 8 - 30u" Au CONTACT AREA/TIN TAIL 9 - 50u" Au CONTACT AREA/TIN TAIL					<u>DIMENSION "D"</u> <u>PCB GROUND TAB LOCATION:</u> 1 - FRONT, 3.68mm w/ 3 REAR TABS								

Rev	Drawn	Checked	Approved	Date	SMP TECHNOLOGY, INC.		
0	Issued	D.H.	S.M.	S.M.			
A	Revised for RoHS Compliance	B.S.	S.M.	S.M.	RJ45, 8 Port, Side Entry, CAT 5e Shielded with Top EMI Tabs, Front 3.68mm		
B	Revised Cat 5e Data Table	B.S.	S.M.	S.M.			
TOL. DEC. .X +/- 0.2 .XX +/- 0.15 .XXX +/- 0.075 ANGLE +/- 0.5°					P/N: A3012 - 085 - ST1 - X01 - Z		
					Pg: 1		