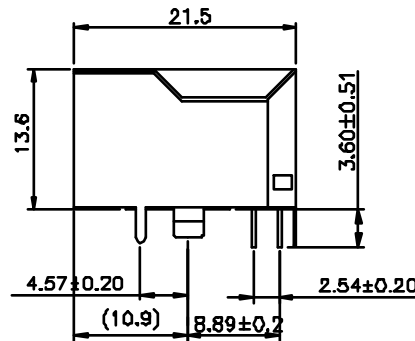
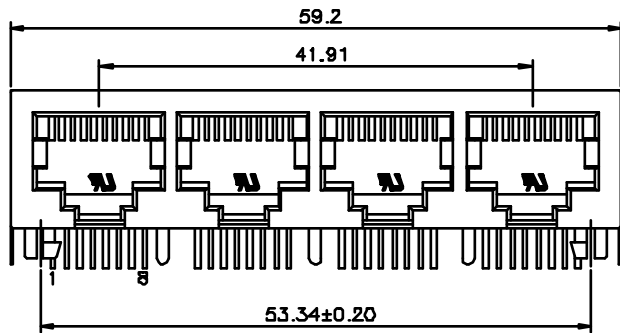
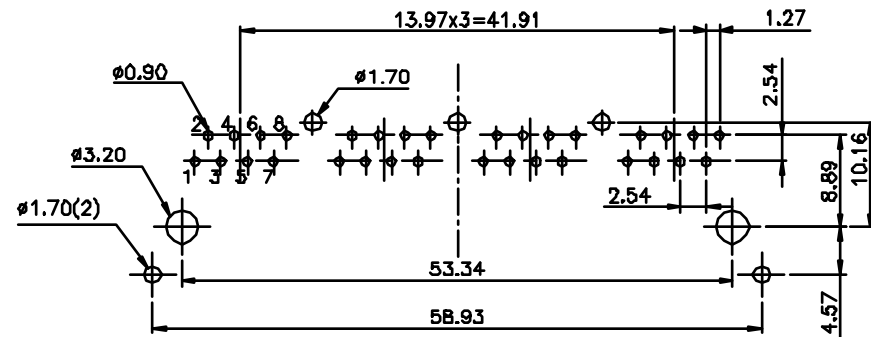


CAT 5 DATA TABLE:

Frequency	Near-End Cross Talk dB, MIN.	Return Loss dB, MIN.	Attenuation dB, MAX.
1.0 MHZ	85	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



**PC Board Layout
Component Side Shown**

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:

<u>A</u>	<u>3</u>	<u>0</u>	<u>1</u>	<u>2</u>	<u>-</u>	<u>0</u>	<u>4</u>	<u>5</u>	<u>-</u>	<u>N</u>	<u>0</u>	<u>0</u>	<u>-</u>	<u>X</u>	<u>X</u>	<u>3</u>	<u>-</u>	<u>Z</u>
<u>NUMBER OF PORTS</u> 04				<u>SHIELD:</u> 5 - CAT 5 SHIELDED			<u>TABS:</u> NO - NO TABS			<u>FLANGE:</u> 0 - NO FLANGE 1 - FLANGE			<u>DIMENSION "D"</u> <u>PCB GROUND TAB LOCATION:</u> 3 - FRONT, 4.57mm w/ 3 REAR TABS			<u>RoHS COMPLIANT</u>		
<u>SPRING TAB LOCATION:</u> 0 - NO TAB LOCATION				<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														

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, 4 Port, Side Entry, CAT 5 Shielded, Front 4.57mm		
TOL. DEC. .X +/- 0.2 .XX +/- 0.15 .XXX +/- 0.075 ANGLE +/- 0.5°					P/N: A3012 - 045 - N00 - XX3 - Z		