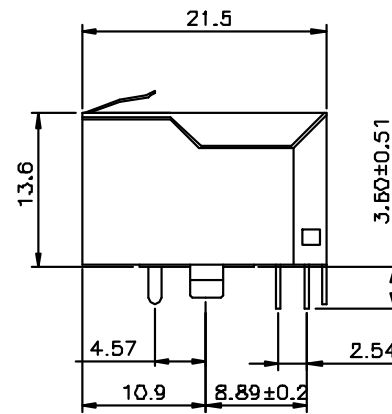
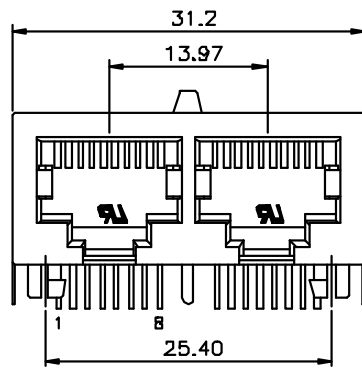
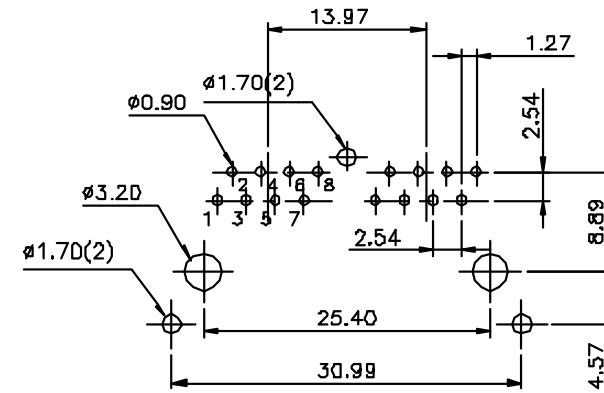


CAT 5 DATA TABLE:

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



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:

A	3	0	1	2	-	0	2	5	-	S	T	1	-	X	X	2	-	Z
NUMBER OF PORTS					SHIELD:			TABS:			FLANGE:			RoHS COMPLIANT				
02					5 - CAT 5 SHIELDED			ST - SPRING TABS			0 - NO FLANGE 1 - FLANGE							
					SPRING TAB LOCATION:			SELECTIVE PLATING:			DIMENSION "D"			PCB GROUND TAB LOCATION:				
					1 - SPRING TABS ON TOP			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			2 - FRONT, 4.57mm w/ 1 REAR TAB							

Rev	Drawn	Checked	Approved	Date
0 Issued	D.H.	S.M.	S.M.	05/21/04
A Revised for RoHS Compliance	B.S.	S.M.	S.M.	08/25/08

SMP TECHNOLOGY, INC.

RJ45, 2 Port, Side Entry, CAT 5 Shielded, with EMI Tabs, Front 4.57mm

TOL. DEC. .X +/- 0.2 .XX +/- 0.15 .XXX +/- 0.075 ANGLE +/- 0.5°

P/N: A3012 - 025 - ST1 - XX2 - Z