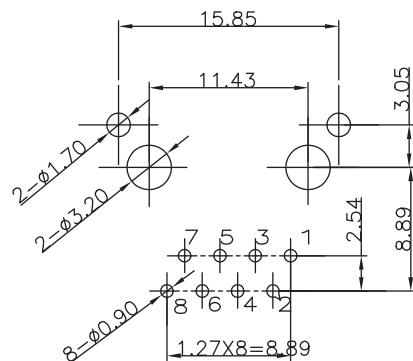
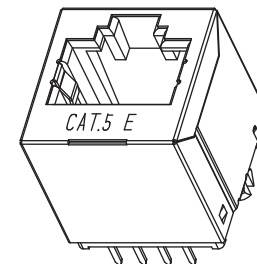




PC BOARD LAYOUT
COMPONENT SIDE SHOWN

ELECTRICAL:

VOLTAGE RATING: 125 VAC RMS.

CURRENT RATING: 1.5A

CONTACT RESISTANCE: 40 mΩ Max.

INSULATION RESISTANCE: 1000 M Ω Min. at 500 VDC

DIELECTRIC WITHSTANDING VOLTAGE:

1000V (rms) AC 60Hz for 1 Minute

OPERATING TEMPERATURE: 0° C to +70° C

STORAGE TEMPERATURE: -40 C to 85 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** **0** **2** **- 3** **4** **C** **- 0** **1** **0** **- X** **0** **2** **- Z**

OF POSITIONS
 3 - 8 Pos

OF CONTACTS
 4 - 8 Contacts

SHIELD
 5 - CAT 5 SHIELDED

NO OF PORTS

FLANGE:
 0 - NO FLANGE
 1 - FLANGE

RoHS COMPLIANT

SELECTIVE PLATING:

PCB GROUND TAB LOCATION:
 2 - FRONT 3.05 mm

SELECTIVE PLATING:

6 - Au CONTACT AREA/TIN TAIL

7 - 15u" Au CONTACT AREA/TIN TAIL

8 - 30u" Au CONTACT AREA/TIN TAIL

9 - 50 μ " Au CONTACT AREA/TIN TAIL

Frequency	Near-End Cross Talk dB, MIN.	Return Loss dB, MIN.	Attenuation dB, MAX.
1.0 MHZ	65	35	0.1
4.0 MHZ	65	35	0.1
8.0 MHZ	64.9	35	0.1
10.0 MHZ	63	35	0.1
16.0 MHZ	58.9	35	0.2
20.0 MHZ	57	34	0.2
25.0 MHZ	55	32	0.2
31.25 MHZ	53.1	30.1	0.2
62.5 MHZ	47.1	24	0.3
100.0 MHZ	43	20	0.4

Rev		Drawn	Checked	Approved	Date
0	Issued	A.M.	S.M.	S.M.	05/03/05
A	Revised for RoHS Compliance	B.S.	S.M.	S.M.	6/21/07

SCALE:n/a

TOL. DEC.	.X +/- 0.2	.XX +/- 0.15	.XXX +/- 0.075	ANGLE +/- 0.5 ⁰
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SMP TECHNOLOGY, INC.

RJ45, 1 Port, Top Entry, CAT 5 Shielded, , Front 3.05 mm

P/N: A3002 - 34C - 010 - X02 - Z