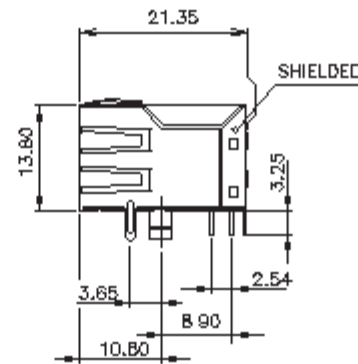
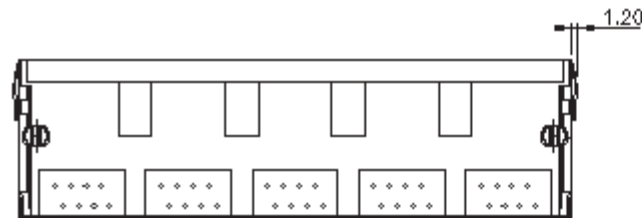
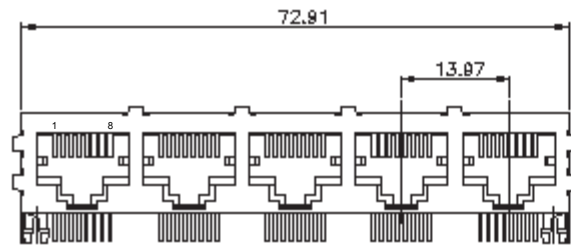


(Recommended PCB Layout)

PC Board Layout Component Side Shown

ELECTRICAL:

CURRENT RATING: 1.5A Min.

CONTACT RESISTANCE:

< 20 Milliohm Max.

INSULATION RESISTANCE:

> 500 Megaohm Min.

DIELECTRIC WITHSTANDING VOLTAGE:

1000V (rms) AC for 1 Minute

OPERATING TEMPERATURE: -25° C to +90° C

MATERIAL:

HOUSING: PBT Glass Filled (UL94V-0)

SPRING WIRE: 0.45mm Thickness Phosphor Bronze

Gold Plated Over Nickel

MECHANICAL:

DURABILITY: 500 Mating Cycles Min.

HOW TO ORDER:

A 3 0 1 2 - 0 5 S - S T 2 - X 0 - Z

TABS:

ST - SPRING TABS

SPRING TAB LOCATION:

2 - SPRING TABS ON TOP & 2 ST/ SIDES

PLATING OVERALL:

0 - FULL Au FLASH

1 - 10u" Au

2 - 30u" Au

3 - 50u" Au

RoHS
COMPLIANT

SELECTIVE PLATING:

6 - Au FLASH CONTACT AREA/TIN TAIL

7 - 10u" Au CONTACT AREA/TIN TAIL

8 - 15u" Au CONTACT AREA/TIN TAIL

9 - 30u" Au CONTACT AREA/TIN TAIL

Rev	Drawn	Checked	Approved	Date
0	D.H.	S.M.	S.M.	2/2/04
A	B.S.	S.M.	S.M.	10/29/08

SMP TECHNOLOGY, INC.

RJ45 Connector, 5 Port, Shielded, with Spring Tabs on Top & Sides,
3.65mm Front Tab, 1 Rear Tab

TOL. DEC. .X +/- .XX +/- 0.25 .XXX +/- 0.13 ANGLE +0.45/-0.15 UNIT: mm

P/N: A3012 - 05S - ST2 - X0 - Z

Pg: 1