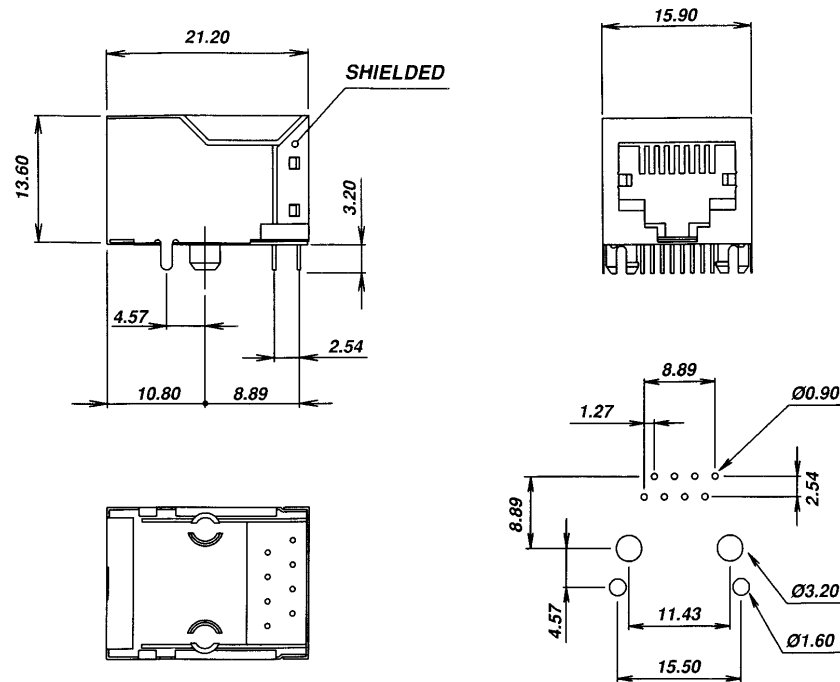




PCB LAYOUT

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:

INSULATOR: PBT 20% Glass Filled (UL94V-0)

CONTACT: 0.45mm (0.014") Thickness Phosphor Bronze

CONTACT PLATING: Gold Plating on Contact Area

Sn-Pb or Gold on Solder Area, all over 50u" Nickel

MECHANICAL:

DURABILITY: 500 Mating Cycles Min.

HOW TO ORDER:

A 3 0 1 2 - 0 1 S - N 0 0 - X 0 0 - Z

NUMBER OF PORTS
01

SHIELD:
S - SHIELDED

TABS:
N0 - NO TABS

FLANGE:
0 - NO FLANGE

RoHS COMPLIANT

SPRING TAB LOCATION:

0 - NO TAB LOCATION

PLATING OVERALL:

0 - FULL Au FLASH

1 - 10u" Au

2 - 30u" Au

3 - 50u" Au

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

"D" DIMENSION

PCB GROUND TAB LOCATION:

0 - FRONT 4.57mm

Rev		Drawn	Checked	Approved	Date
0	Issued	A.M.	S.M.	S.M.	12/11/03
A	Revised for RoHS Compliance	B.S.	S.M.	S.M.	08/27/08

SMP TECHNOLOGY, INC.

RJ45 Jack, Single Port, Shielded, No Tabs, 4.57mm Front Tab Location

TOL. DEC. .XX +/- 0.25 .XXX +/- .13 .XXXX +/- .05 ANGLE +.45 / -.15 UNIT: mm

P/N: A3012-01S-N00-X00-Z

Pg: 1