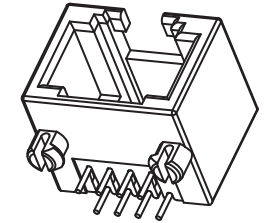
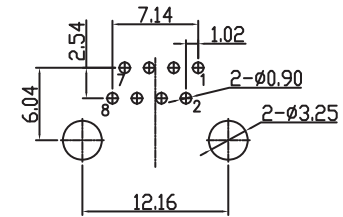


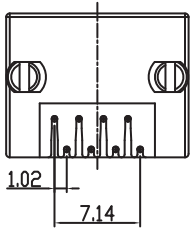
Detail A



Isometric View



Recommended PCB Layout
(Top View)



ELECTRICAL:

VOLTAGE RATING: 150V AC RMS.
 CURRENT RATING: 1.5A Min.
 CONTACT RESISTANCE:
 40 Milliohm Max.
 INSULATION RESISTANCE:
 5000 Megaohm Min.
 DIELECTRIC WITHSTANDING VOLTAGE:
 1000V (rms) AC for 1 Minute Min.
 OPERATING TEMPERATURE: -40° C to +80° C

MATERIAL:

INSULATOR: PBT Glass Filled (UL94V-0)
 CONTACT: 0.46mm Diameter Phosphor Bronze
 CONTACT PLATING: Gold Plating over Nickel

MECHANICAL:

DURABILITY: 500 Mating Cycles Min.

HOW TO ORDER:

A 3 0 1 8 - 3 X 0 - 1 0 0 - X 0 - 0 0 0 - Z

OF POSITIONS /
 # OF CONTACTS:
 3 - 8P8C

INSULATION COLOR:

- 1 - Black
- 2 - Blue
- 3 - Yellow
- 4 - Red

SHIELD:

0 - Non Shielded

OF PORTS:

1 - One

PLATING OVERALL:

- 0 - FULL Au FLASH
- 1 - 15u" Au
- 2 - 30u" Au
- 3 - 50u" Au
- 4 - 10u" Au

**RoHS
 COMPLIANT**

Rev	Drawn	Checked	Approved	Date
0	B.S.	S.M.	S.M.	03/09/16

SMP TECHNOLOGY, INC.

RJ45 Connector, Very Low Profile, 1 Port, Optional Insulator Colors

SCALE: N/A

TOL. DEC. .X +/- 0.3 .XX +/- 0.2 .XXX +/- ANGLE: +/-1° UNIT: mm

P/N: A3018-3X0-100-X0-000-Z