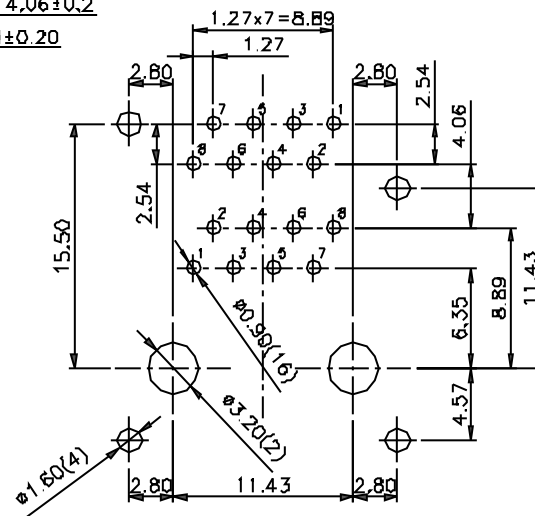
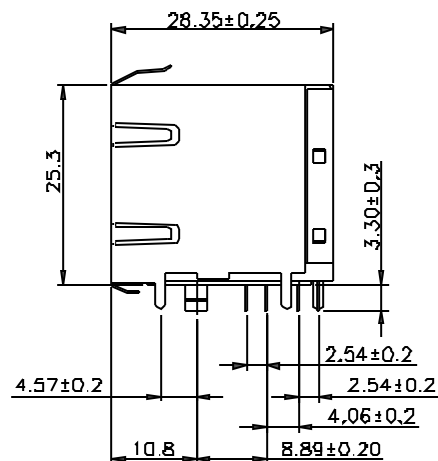
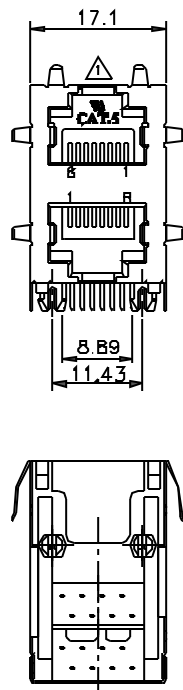




PC Board Thickness=1.60mm

PC Board Layout Component Side Shown

| Frequency | Near-End Gross Talk<br>dB, MIN. | Return Loss<br>dB, MIN. | Attenuation<br>dB, MAX. |
|-----------|---------------------------------|-------------------------|-------------------------|
| 1.0 MHZ   | 65                              | 23                      | 0.1                     |
| 4.0 MHZ   | 65                              | 23                      | 0.1                     |
| 9.0 MHZ   | 62                              | 23                      | 0.1                     |
| 10.0 MHZ  | 60                              | 23                      | 0.1                     |
| 16.8 MHZ  | 56                              | 23                      | 0.2                     |
| 20.0 MHZ  | 54                              | 23                      | 0.2                     |
| 25.8 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                     |

#### HOW TO ORDER:

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

#### ELECTRICAL:

VOLTAGE RATING: 125 VAC RMS  
CURRENT RATING: 1.5A Min.  
CONTACT RESISTANCE: 50 milli-Ohm Max.  
INSULATION RESISTANCE: 1,000 mega-Ohm Min.  
DIELECTRIC STRENGTH: 1000V VAC RMS 60HZ, 1 Min.  
OPERATING TEMPERATURE: 0° C to +70° C

#### MATERIAL:

INSULATOR: NYLON 46 (UL94V-0)  
CONTACT: 0.35mm Thickness Phosphor Bronze  
CONTACT PLATING: Gold Plating Over Nickel

#### MECHANICAL:

DURABILITY: 500 Mating Cycles Min.

#### SELECTIVE PLATING:

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

**RoHS  
COMPLIANT**

| Rev                           | Drawn       | Checked      | Approved       | Date      | <b>SMP TECHNOLOGY, INC.</b><br><br>RJ45 Ganged Jack, 1x2, with EMI Panel Grounds on Top, Sides, & Bottom, CAT 5<br><br>P/N: A3020-025-ST3-X0D-Z |
|-------------------------------|-------------|--------------|----------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 0 Issued                      | D.H.        | S.M.         | S.M.           | 06/01/04  |                                                                                                                                                 |
| A Revised for RoHS Compliance | WHS         | S.M.         | S.M.           | 09/22/06  |                                                                                                                                                 |
|                               |             |              |                |           |                                                                                                                                                 |
| SCALE: N/A                    |             |              |                |           | Pg: 1                                                                                                                                           |
| TOL. DEC.                     | .X +/- 0.20 | .XX +/- 0.15 | .XXX +/- 0.075 | ANGLE +/- |                                                                                                                                                 |
| UNIT: mm                      |             |              |                |           |                                                                                                                                                 |