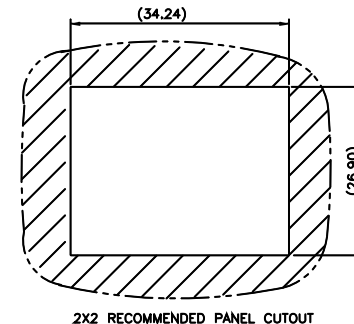
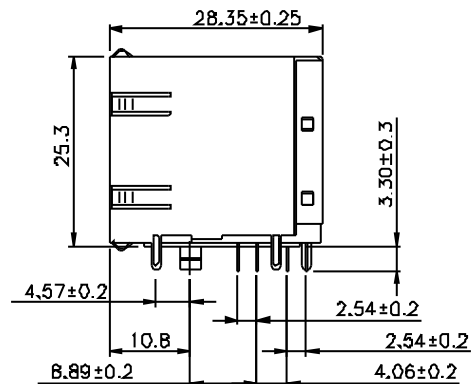
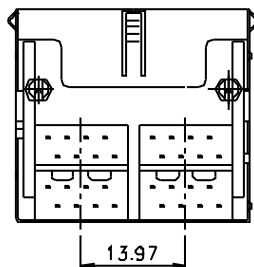
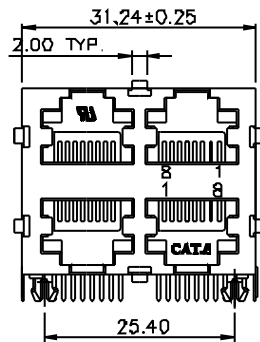




CATEGORY 5 CHARACTERISTICS

Frequency	Near-End Gross Talk dB, MIN.	Return Loss dB, MIN.	Attenuation 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

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
 STORAGE TEMPERATURE: -40°C - +85°C
 SOLDERING TEMPERATURE: 250-265°C (5-10 Seconds)

MATERIAL:

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

MECHANICAL:

DURABILITY: 750 Cycles Min.
 PCB RETENTION: 10 Lbs Min. (After Soldering)

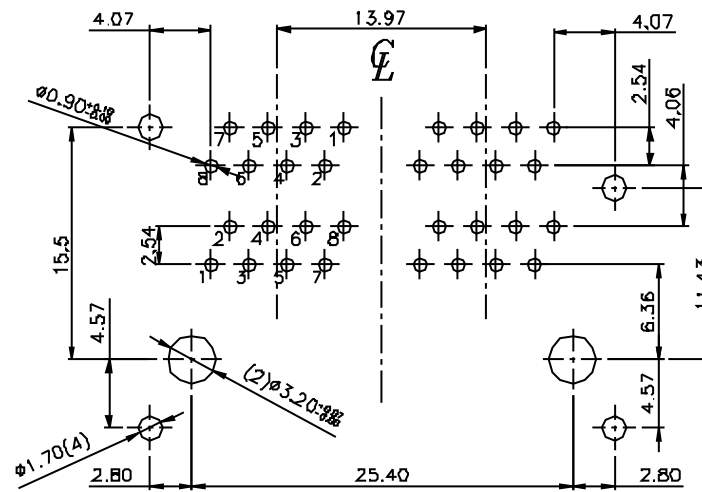
HOW TO ORDER:

A 3 0 2 0 - 0 4 5 - S T 3 - X 0 D - Z

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



T=1.60mm
 PC Board Layout
 Component Side Shown

Rev	Drawn	Checked	Approved	Date
0	D.H.	S.M.	S.M.	06/01/04
A	WHS	S.M.	S.M.	09/22/06

SCALE: N/A

TOL. DEC. .X +/- 0.20 .XX +/- 0.15 .XXX +/- 0.075 ANGLE +/- UNIT: mm

SMP TECHNOLOGY, INC.

RJ45 Ganged Jack, 2x2, with EMI Panel Grounds on
Top, Sides, & Bottom, CAT 5

P/N: A3020-045-ST3-X0D-Z

Pg: 1