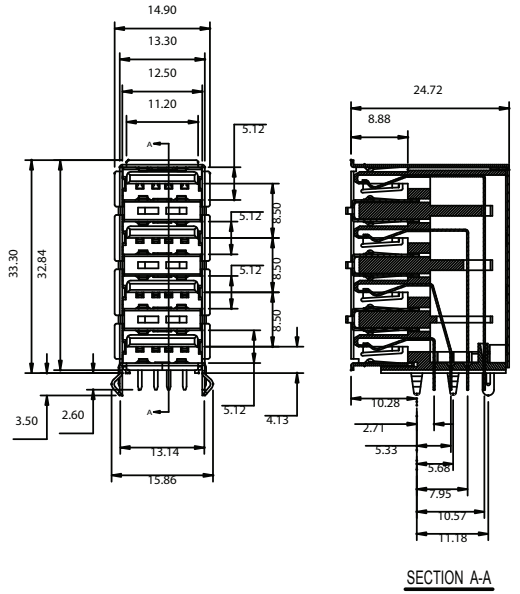
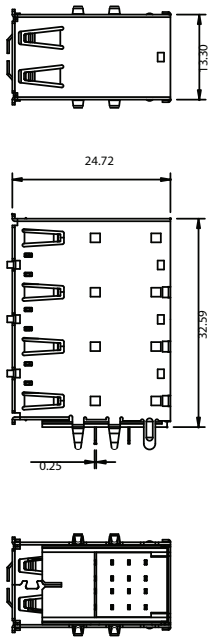
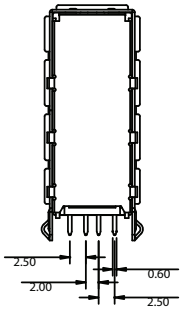
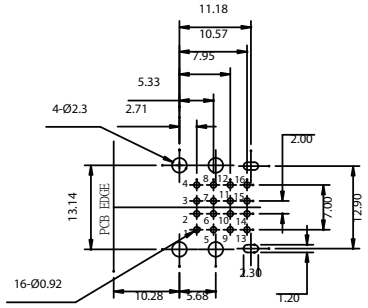


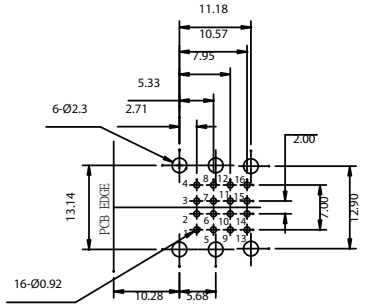
SECTION A-A







BOTTOM VIEW
RECOMMENDED PCB LAYOUT A



BOTTOM VIEW
RECOMMENDED PCB LAYOUT B

ELECTRICAL:

CURRENT RATING: 1.5A @ 250VAC Min.
CONTACT RESISTANCE: Before life test: 30m ohm max.
After life test: 50m ohm max.
INSULATION RESISTANCE: 1000 M ohm min.
DIELETRIC WITHSTANDING VOLTAGE:
750V (rms) AC for 1 Minute
CAPACITANCE: 2pF Max.

MATERIAL:

INSULATOR: Thermoplastic UL94V-0
CONTACTS: Material: Phosphor Bronze t:0.25mm
CONTACT PLATING: Gold/Tin Plating
SHELL: Brass t:0.3mm
SHELL PLATING: Tin or Nickel Plated

HOW TO ORDER:

U 0 0 1 - 1 6 0 0 - 2 0 X - Z

NUMBER OF CONTACTS:
16 - 16 Pin Quad Port

INSULATOR COLOR:
0 - Black

NUMBER OF LOCKS:
0 - Standard 2 Locks
(Top, Bottom, Sides)

RoHS COMPLIANT

DEFINITION:
0 - Right Angle, Thru Hole

SHELL STYLE:
2 - 2 Front Springs

SELECTIVE CONTACT PLATING:
1 - Gold
3 - 15u" AuGold
4 - 30u" AuGold

Rev		Apv.	Date
0	Issued	WHS	6/1/06

SCALE MAT'L FINISH

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

SMP TECHNOLOGY, INC.

USB Connector, 16 Position, Right Angle Thru Hole, 2 Locks

SERIES: U001-1600-20X-Z