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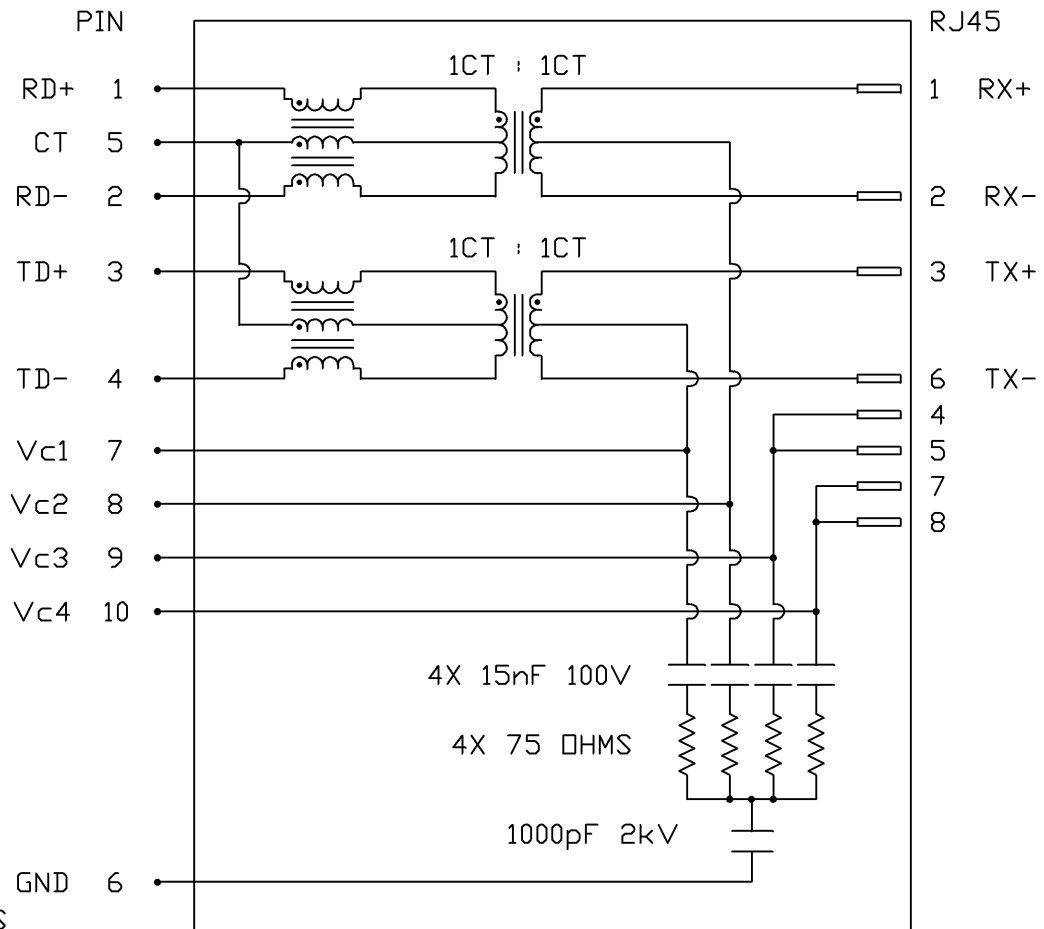
PRELIMINARY



ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO	1CT : 1CT ±2%
QCL @ 0.1V, 100KHz 8mA DC BIAS (0°C - 70°C)	350µH MIN.
INSERTION LOSS 100KHz TO 100MHz	-1.2 dB MAX.
RET. LOSS (MIN) @ 100ΩHMS ±15% 2MHz-30MHz 60MHz-80MHz	-16 dB MIN. -10 dB MIN.
LEAKAGE INDUCTANCE PRIMARY W/ SECONDARY SHORTED	0.25µH MAX. @ 1MHz
D.C. RESISTANCE (1-2)=(3-4) (RJ1-RJ2)=(RJ3-RJ6)	1.40 ΩHMS MAX. 1.0 ΩHMS MAX.
INTERWINDING CAPACITANCE PER CHANNEL (PRI. to SEC.)	40 pF MAX.
XTALK 100KHz TO 100MHz	-30 dB MIN.
HIPOT (Isolation Voltage): 100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS	2250 VDC
BALANCED DC LINE CURRENT	350mA MAX. @ 57 VDC CONTINUOUS 500mA MAX. @ 57 VDC FOR 200 MILLSECONDS
OPERATING TEMPERATURE:	-40° TO +85°C

SCHEMATIC



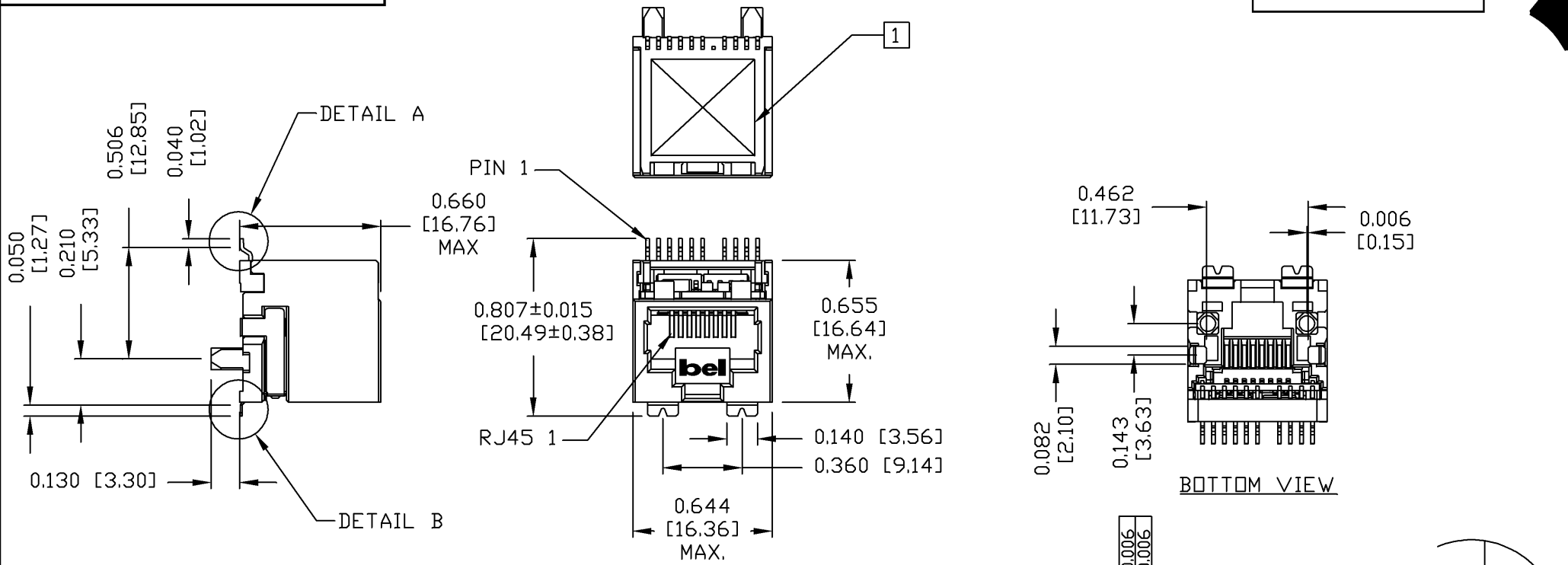
ORIGINATED BY CHOW WANCHUNG	DATE 06-12-08	TITLE Vertical SMT MagJack® (EXT. TEMP.)	PART NO. / DRAWING NO. V895-1001-AW	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	 COMPONENTS FOR A CONNECTED PLANET	
DRAWN BY DENG PING	DATE 06-12-08		FILE NAME V895-1001-AW_PB.DWG	.X	UNIT : INCH [mm]		REV. : PB
				.XX	SCALE : N/A		SIZE : A4
				.XXX		PAGE : 2	

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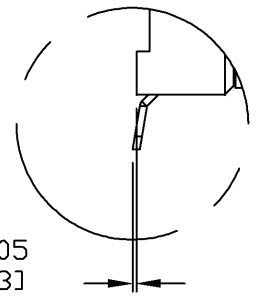
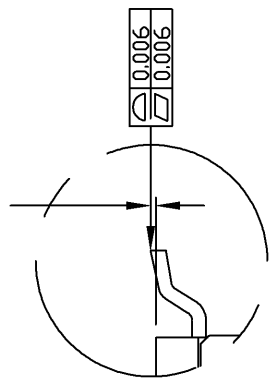
MECHANICAL SPECIFICATION

PRELIMINARY



NOTES:

- PLASTIC HOUSING: THERMOPLASTIC PA, FLAMMABILITY RATING UL 94V-0
- CONTACTS: 30 MICRO-INCH HARD GOLD PLATING
- OUTPUT PINS: TIN-COATED COPPER WIRE, 0.016INCH*0.016INCH, SQUARE, SMD PINS
- METAL SHIELD: NICKEL PLATED ON COPPER ALLOY
- 1 MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER AND DATE CODE.
- 2 THE 4 PADS ARE NOT FOR GROUNDING, BUT TO STRENGTHEN THE RETENTION FORCE ONTO CUSTOMER PCB.
- 3. RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.
- 4. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.



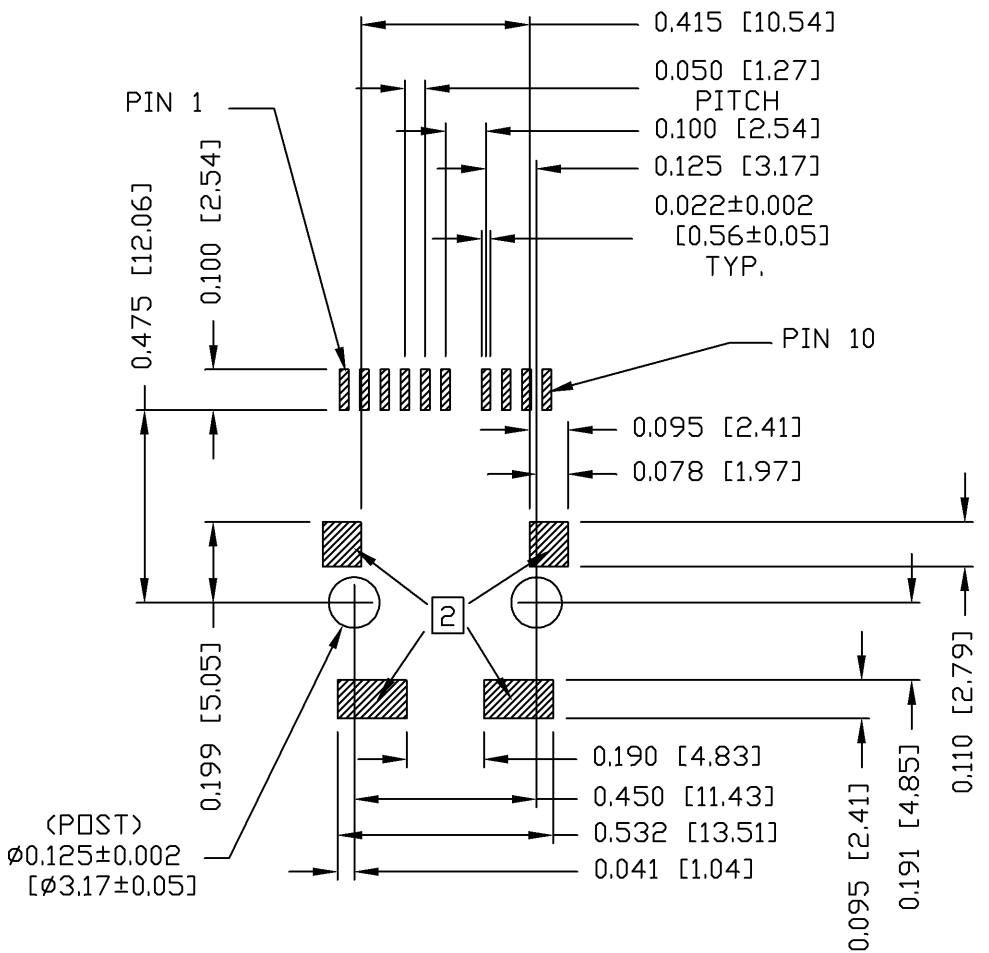
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ZX HUANG	06-12-08	Vertical SMT MagJack® (EXT. TEMP.)	V895-1001-AW	.X	UNIT : INCH [mm]		REV. : PB
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A		SIZE : A4
LU XUEPING	06-12-08	V895-1001-AW_PB.DWG	.XXX	±0.010	PAGE : 3		

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PRELIMINARY



RECOMMENDED PCB FOOTPRINT
 COMPONENT SIDE VIEW
 (SHADED AREA ARE SOLDER PADS)



PACKING INFORMATION

PACKING TRAY : 0200-9999-I5(TOP)
 0200-9999-I6(BOTTOM)
 PACKING QUANTITY : 88 PCS FINISHED GOODS PER TRAY
 11 TRAY (968 PCS FINISHED GOODS)
 PER CARTON BOX
 NOTE: CARDBOARDS ARE PLACED BETWEEN LAYERS
 OF PACKING TRAY INSIDE CARTON BOX
 (INCLUDE THE UPPERMOST AND LOWERMOST TRAY)

ORIGINATED BY	DATE	TITLE Vertical SMT MagJack® (EXT. TEMP.)	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
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