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PRELIMINARY

RoHS 2002/95/EC

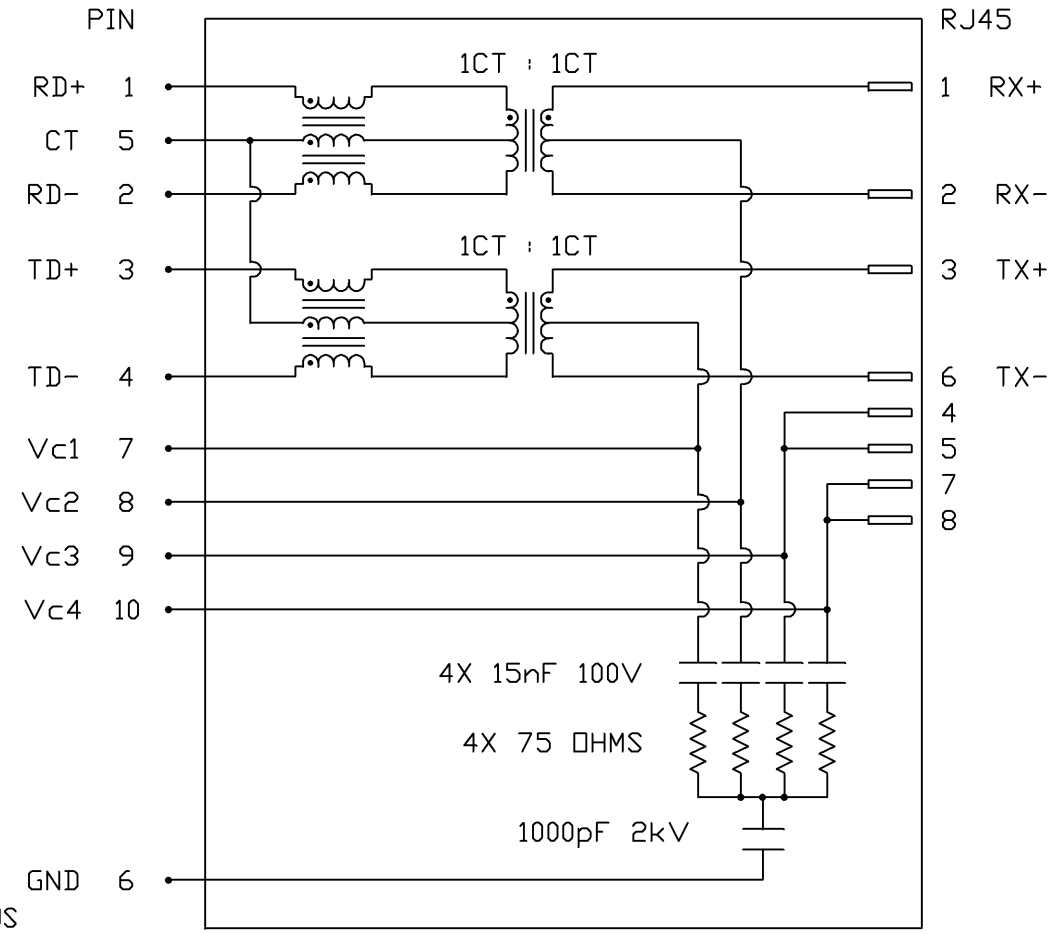
ELECTRICAL CHARACTERISTICS @ 25°C

TURNS RATIO	1CT : 1CT ±2%
OCL @ 0.1V, 100KHz	
8mA DC BIAS (0°C - 70°C)	350µH MIN.
INSERTION LOSS	
100KHz TO 100MHz	-1.2 dB MAX.
RET. LOSS (MIN) @ 100OHMS ±15%	
2MHz-30MHz	-16 dB MIN.
60MHz-80MHz	-10 dB MIN.
LEAKAGE INDUCTANCE	
PRIMARY W/ SECONDARY SHORTED	0.25µH MAX. @ 1MHz
D.C. RESISTANCE	
(1-2)=(3-4)	1.40 OHMS MAX.
(RJ1-RJ2)=(RJ3-RJ6)	1.0 OHMS MAX.
INTERWINDING CAPACITANCE	
PER CHANNEL (PRI. to SEC.)	40 pF MAX.
XTALK	
100KHz TO 100MHz	-30 dB MIN.
HIPOT (Isolation Voltage):	2250 VDC

100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS

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: .X, .XX, .XXX	[ ] METRIC DIM. AS REFERENCE	bel COMPONENTS FOR A CONNECTED PLANET
DRAWN BY: DENG PING — DATE: 06-12-08		FILE NAME: V895-1001-AW_PB.DWG		UNIT : INCH [mm] — REV. : PB	
				SCALE : N/A — SIZE : A4	
				PAGE : 2	

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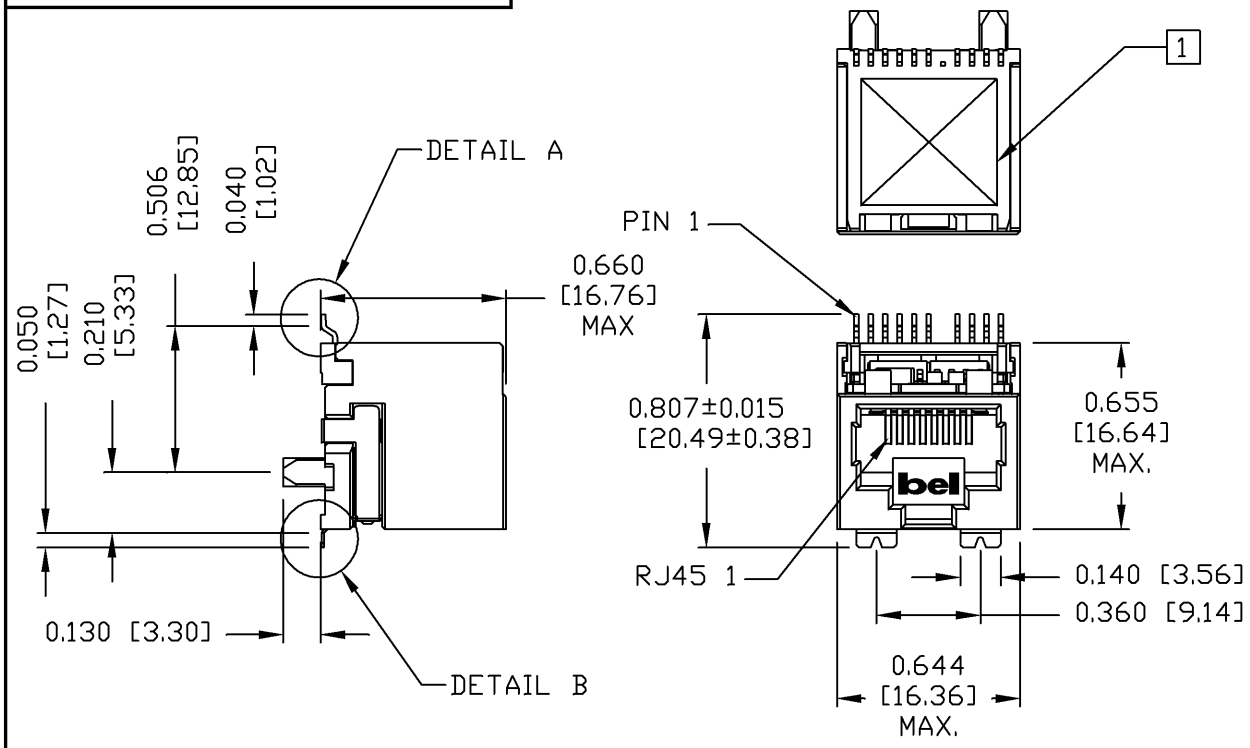
Please read our datasheet & drawing disclaimer here.

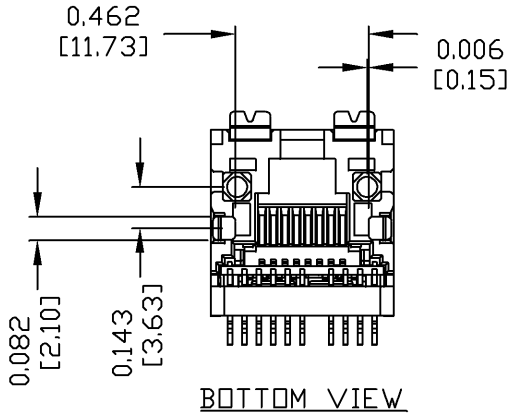
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MECHANICAL SPECIFICATION

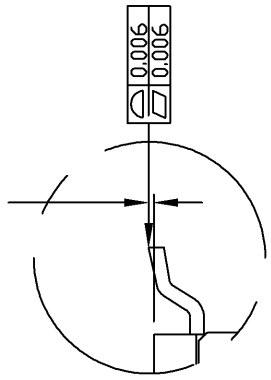
PRELIMINARY

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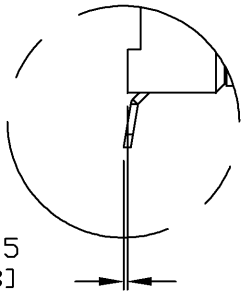




BOTTOM VIEW



DETAIL A
(SCALE 3:1)



DETAIL B
(SCALE 3:1)

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.
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.

c UL us UL RECOGNIZED - FILE #E132408.

4. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH		[ ] METRIC DIM. AS REFERENCE	
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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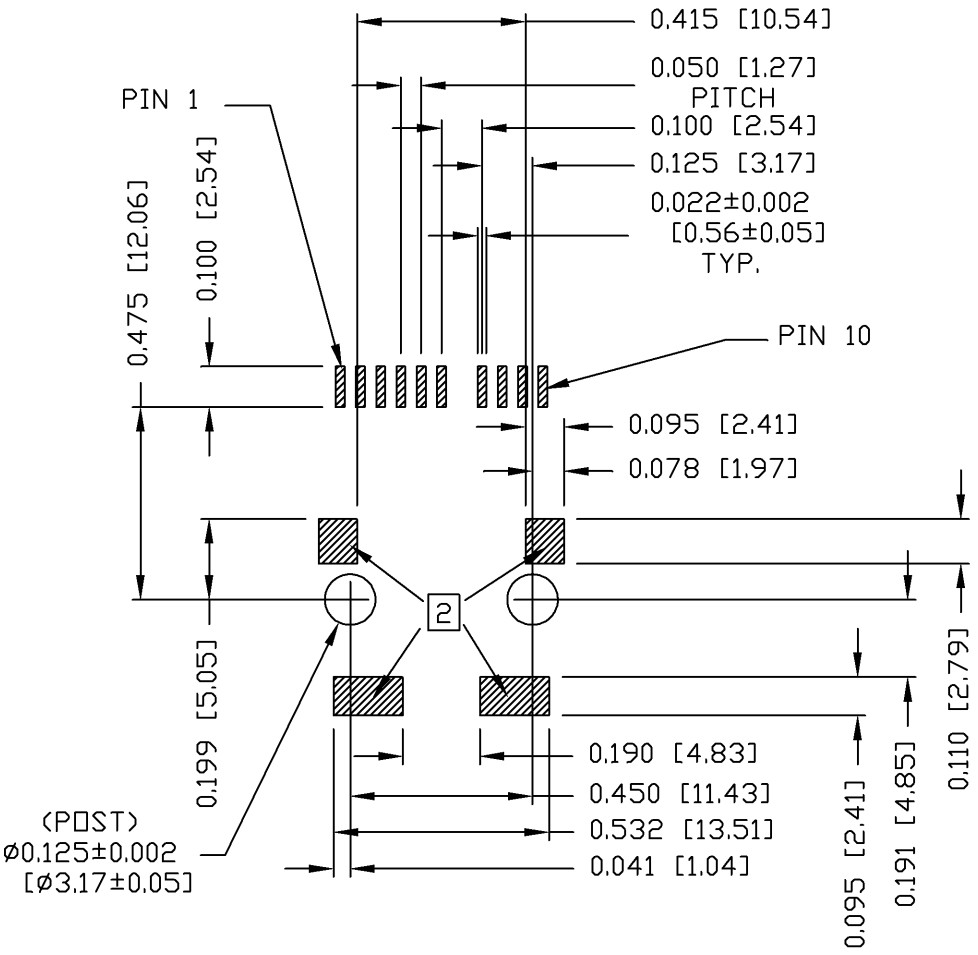
PRELIMINARY

RoHS 2002/95/EC

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 PACKIING TRAY INSIDE CARTON BOX
(INCLUDE THE UPPERMOST AND LOWERMOST TRAY)

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH		[ ] METRIC DIM. AS REFERENCE	
ZX HUANG	06-12-08	Vertical SMT MagJack® (EXT. TEMP.)	V895-1001-AW	.X		UNIT : INCH [mm]	REV. : PB
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