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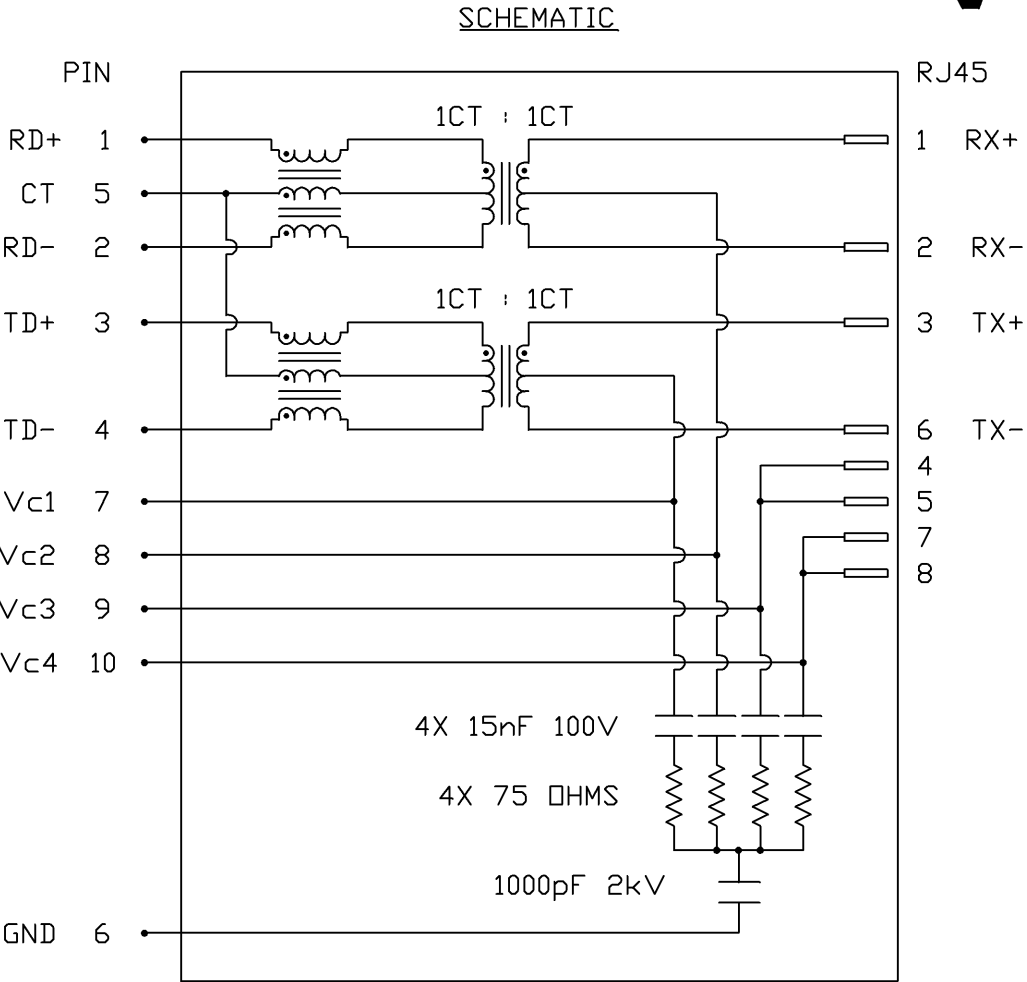
PRELIMINARY



Additional Resources: [Product Page](#) [3D Model](#) [PCB Footprint](#) [Technical Documentation](#)

ELECTRICAL CHARACTERISTICS @ 25°C

Turns Ratio	1CT : 1CT ±2%
QCL @ 0.1V, 100KHz	350µH MIN.
8mA DC BIAS (0°C - 70°C)	
Insertion Loss	
100KHz TO 100MHz	-1.2 dB MAX.
RET. LOSS (MIN) @ 100ΩHMS ±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 ΩHMS MAX.
(RJ1-RJ2)=(RJ3-RJ6)	1.0 ΩHMS 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



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

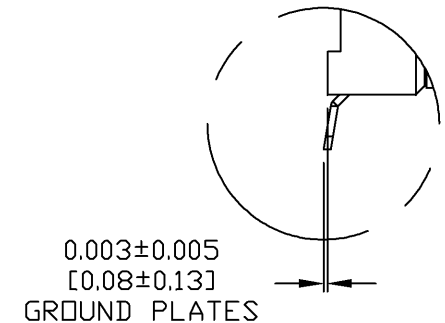
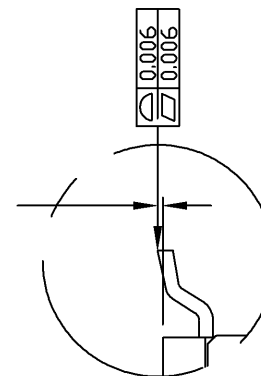
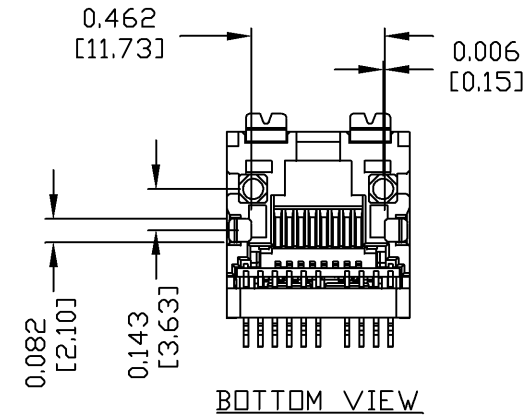
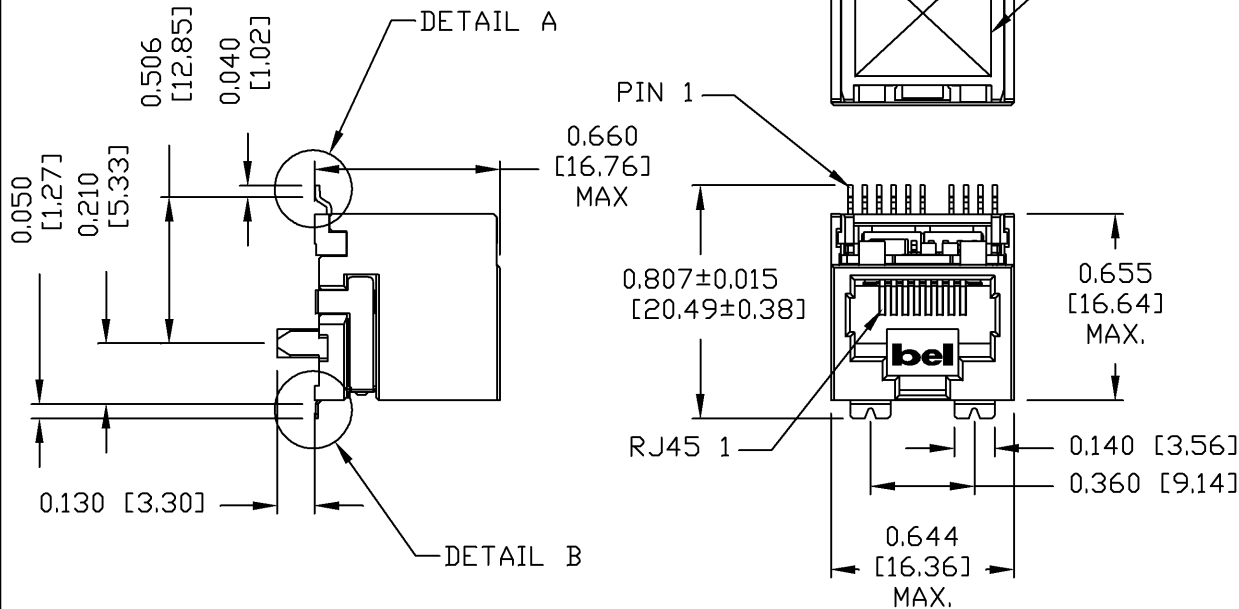
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MECHANICAL SPECIFICATION

PRELIMINARY

RoHS
2002/95/EC

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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.
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		UNIT : INCH [mm]	REV. : PB
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4
LU XUEPING	06-12-08		V895-1001-AW_PB.DWG	.XX .XXX	±0.010	PAGE : 3

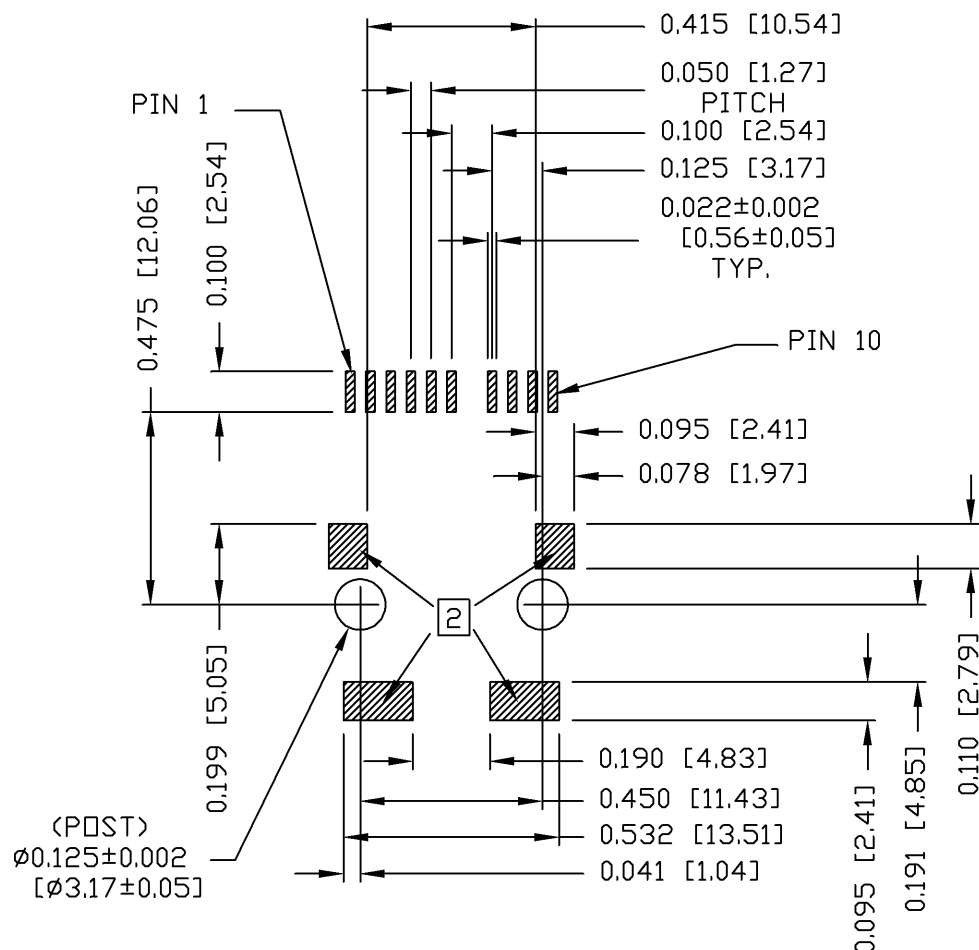
bel
COMPONENTS FOR A
CONNECTED
PLANET

PRELIMINARY

RoHS
2002/95/EC

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(SHADED AREA ARE SOLDER PADS)



(INCLUDE THE UPPERMOST AND LOWERMOST TRAY)

ORIGINATED BY	DATE	TITLE Vertical SMT MagJack® (EXT. TEMP.)	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
ZX HUANG	06-12-08		V895-1001-AW	TOL. IN INCH		UNIT : INCH [mm]	REV. : PB	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
LU XUEPING	06-12-08		V895-1001-AW_PB.DWG	.XX			PAGE : 4	
			.XXX	±0.010				