

PRELIMINARY

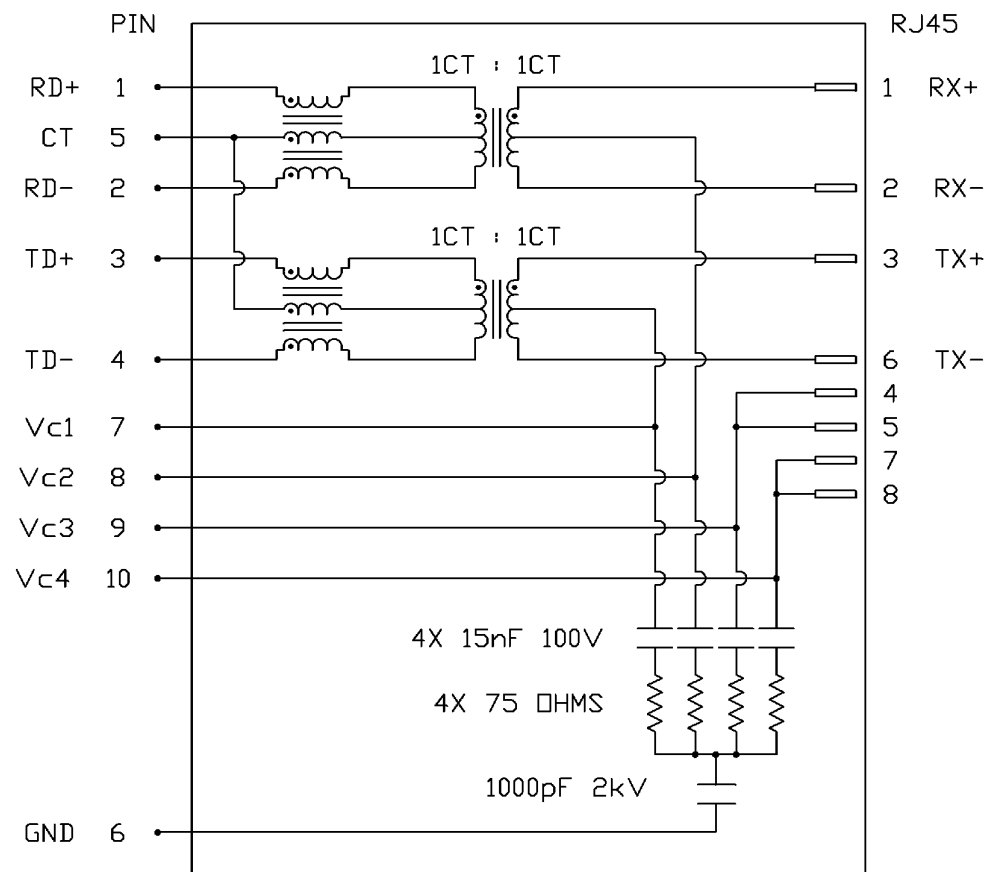
RoHS
2002/95/EC



ELECTRICAL CHARACTERISTICS @ 25°C

URNS 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

SCHEMATIC



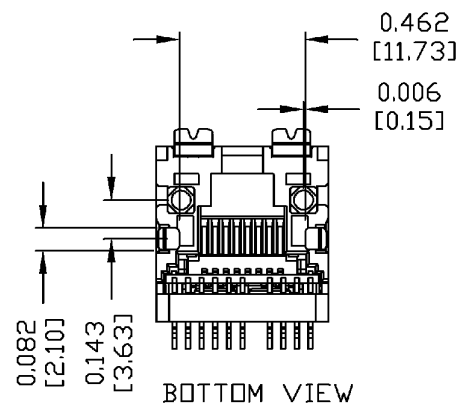
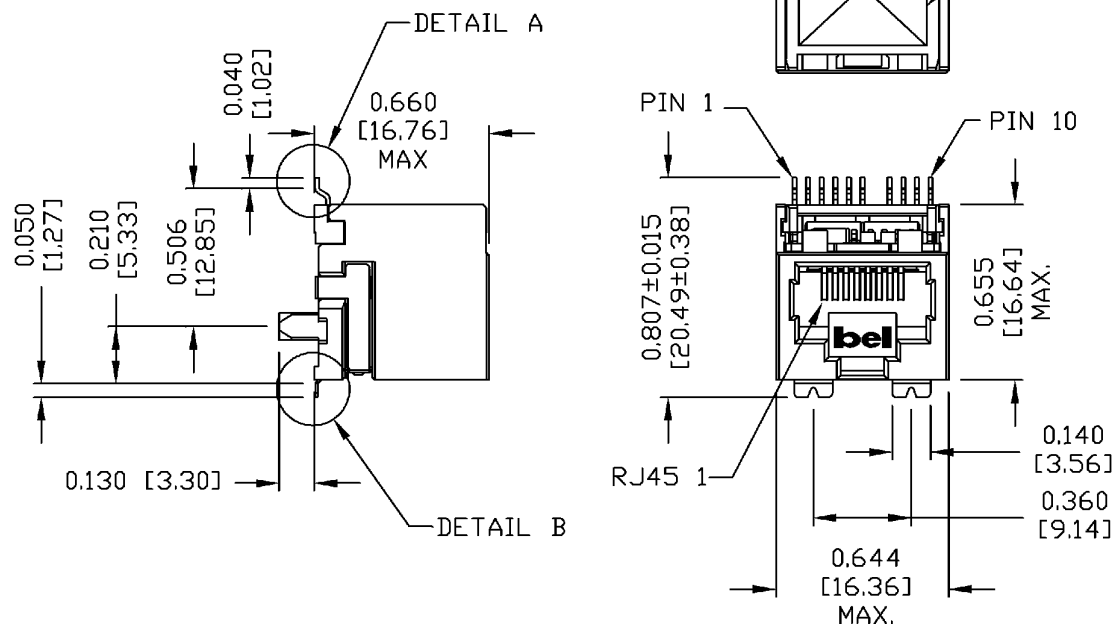
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
CHOW WANCHUNG	07-12-08	Vertical SMT MagJack®	V895-1001-P9	.X	UNIT : INCH [mm]
DRAWN BY	DATE	(4 Cores, MDIX, CM Termination)	FILE NAME	.XX	REV. : PD
LI YONGFENG	07-12-08		V895-1001-P9_PD.DWG	.XXX	SCALE : N/A
					SIZE : A4
					PAGE : 2

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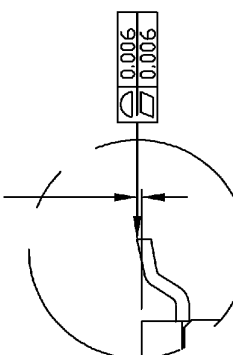
MECHANICAL SPECIFICATION

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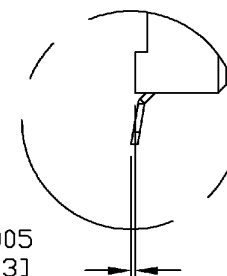


0.003±0.005
[0.08±0.13]
SMD PINS



DETAIL A
(SCALE 3:1)

0.003±0.005
[0.08±0.13]
GROUND PLATES



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: TIN PRE-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.
- RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.
- 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	 COMPONENTS FOR A CONNECTED PLANET	
ZX HUANG	07-12-08	Vertical SMT MagJack® (4 Cores, MDIX, CM Termination)	V895-1001-P9	.X	UNIT : INCH [mm]		REV. : PD
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A		SIZE : A4
LU XUEPING	07-12-08		V895-1001-P9_PD.DWG	.XXX	±0.010		PAGE : 3

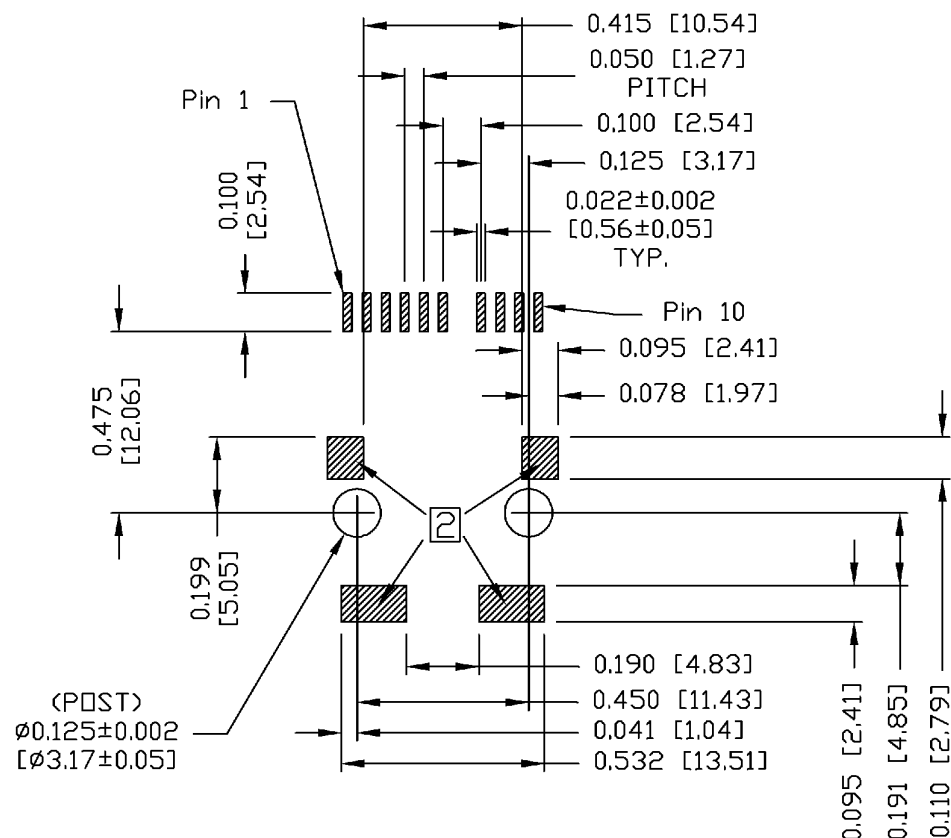
bel
COMPONENTS OF A
CONNECTED
PLANET

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



PACKING INFORMATION

PACKING TRAY : 0200-9999-15(TOP)
 0200-9999-16(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	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	REV. : PD
ZX HUANG	07-12-08	Vertical SMT MagJack® (4 Cores, MDIX, CM Termination)	V895-1001-P9	.X	UNIT : INCH [mm]	SIZE : A4
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A	PAGE : 4
LU XUEPING	07-12-08		V895-1001-P9_PD.DWG	.XXX ±0.010		

