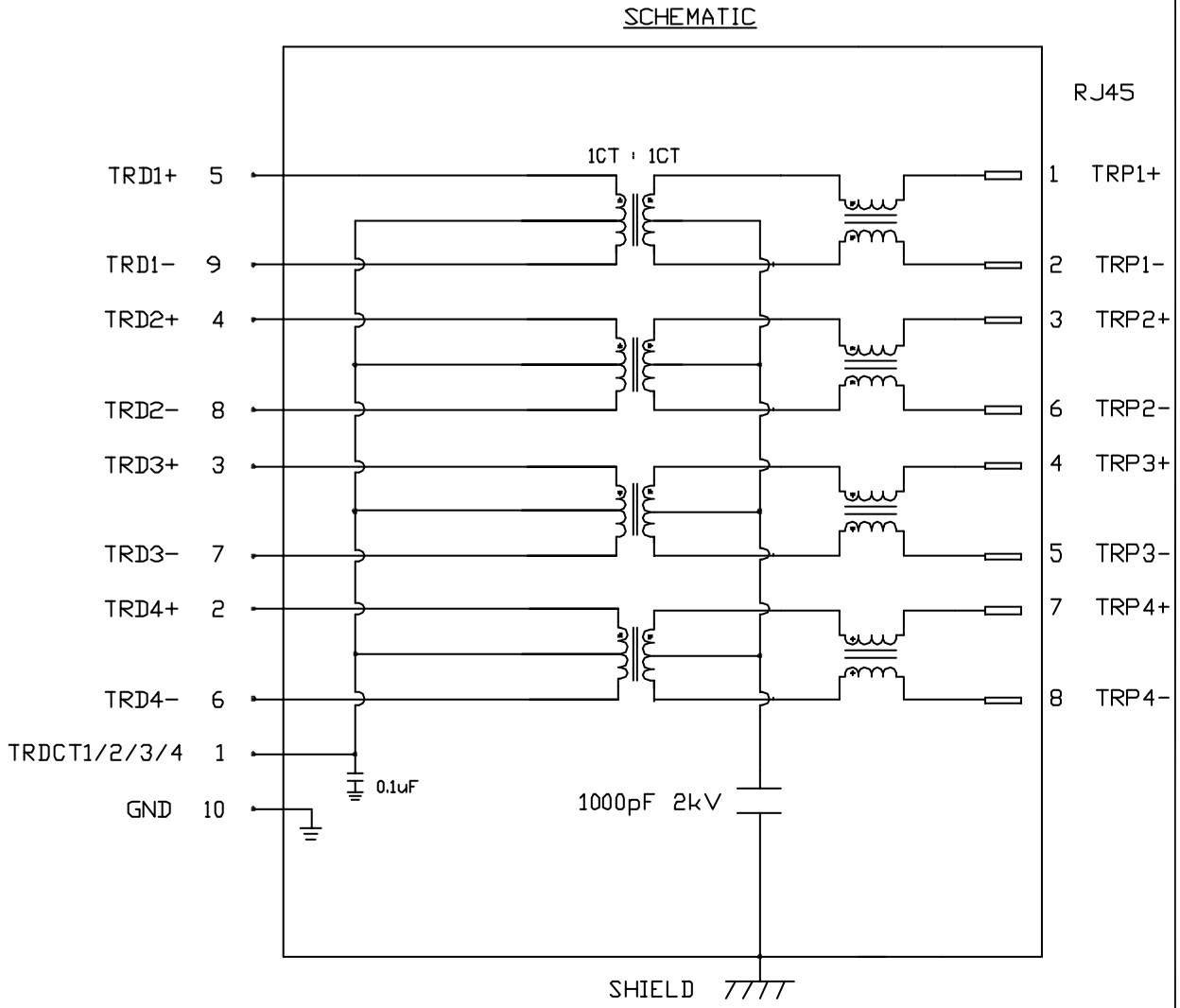



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PRELIMINARY

ELECTRICAL CHARACTERISTICS @ 25°C

TURNS RATIO	
TP1	1CT : 1CT ±3%
TP2	1CT : 1CT ±3%
TP3	1CT : 1CT ±3%
TP4	1CT : 1CT ±3%
OCL @ 100kHz/100mVRMS	
8mA DC BIAS	350 µH MIN.
INS. LOSS	
1MHz TO 100MHz	-1.1 dB MAX
RET. LOSS (MIN)	
1MHz-40MHz	-18 dB
40MHz-100MHz	-12+20LOG(F/80MHz) dB
CM TO CM REJ	
1MHz - 100MHz	-20 dB MIN
CROSSTALK (TX - RX)	
1MHz - 30MHz	-40 dB MIN
30MHz - 60MHz	-30 dB MIN
HIPOT (Isolation Voltage):	
1500 Vrms	
100% OF PRODUCT TESTED IN PRODUCTION	

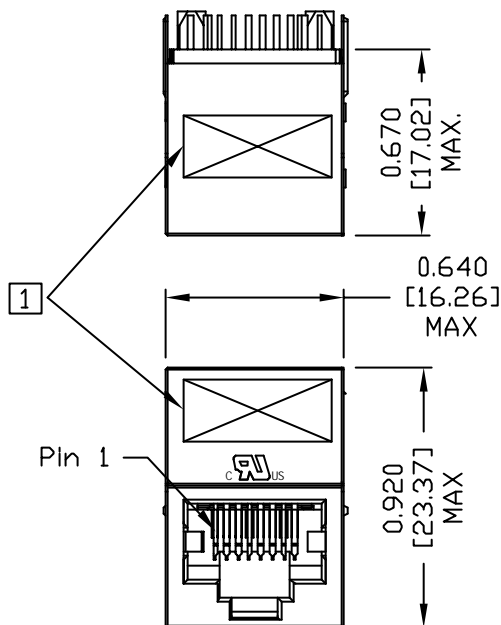
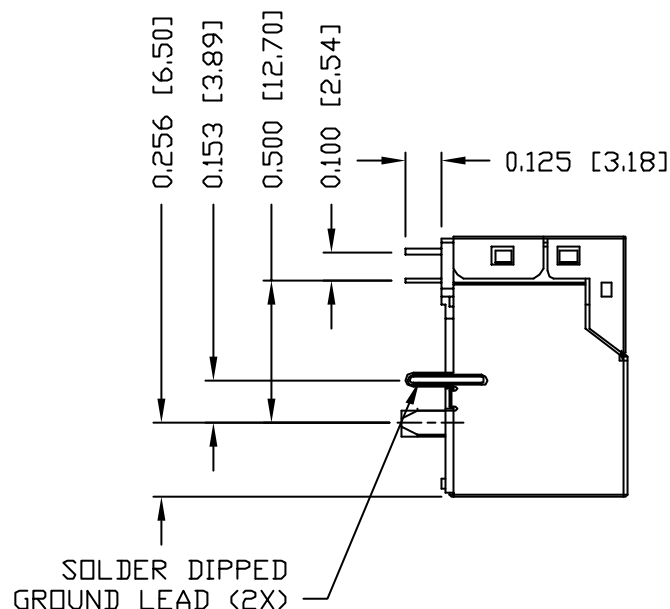


				STANDARD DIM.		[ ] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANT
DRWN		DATE	TITLE	TOL. IN INCH		UNIT : INCH [mm]		
CHUN		09-28-04		V891-1XX1-A1		REV. : PA		
CHKD		DATE		FILE NAME		SCALE : N/A		
CHUNG		09-28-04		V8911XX1A1PA.DWG		SIZE : A4		
						PAGE : 2		

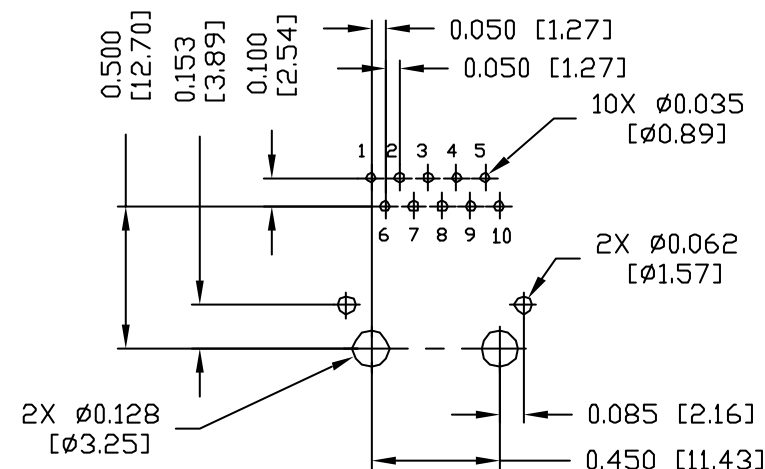
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## MECHANICAL SPECIFICATION

PRELIMINARY



## RECOMMENDED PCB FOOTPRINT COMPONENT SIDE VIEW



### NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT.  
FLAMMABILITY RATING UL 94V-0  
CONTACTS: 30 MICRO-INCH HARD GOLD PLATING  
OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.  
METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.  
(ALL GROUND LEADS ARE SOLDER DIPPED)

MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, AND DATE CODE.

RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.

### PACKING INFORMATION

PACKING TRAY : 0200-9999-I3(TOP)

0200-9999-I4(BOTTOM)

PACKING QUANTITY : 55 PCS FINISHED GOODS PER TRAY  
9 TRAY (495 PCS FINISHED GOODS)  
PER CARTON BOX

NOTE: CARDBOARDS ARE PLACED BETWEEN LAYERS  
OF PACKING TRAY INSIDE CARTON BOX  
(INCLUDE THE UPPERMOST AND LOWERMOST TRAY)

DRWN	DATE	TITLE
TAO	09-28-04	gigabit MagJack™
CHKD	DATE	(8 core, Vertical)
KEUNG	09-28-04	

PART NO. / DRAWING NO.
V891-1XX1-A1
FILE NAME
V8911XX1A1PA.DWG

STANDARD DIM. TOL. IN INCH	[ ] METRIC DIM. AS REFERENCE
.X	UNIT : INCH [mm]
.XX	SCALE : N/A
.XXX	±0.010
	REV. : PA
	SIZE : A4
	PAGE : 3



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