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LED 1 POLARITY			LED 2 POLARITY		
PIN 11	PIN 12	COLOR	PIN 13	PIN 14	COLOR
+	-	YELLOW	+	-	YELLOW
-	+	GREEN	-	+	GREEN

PRELIMINARY

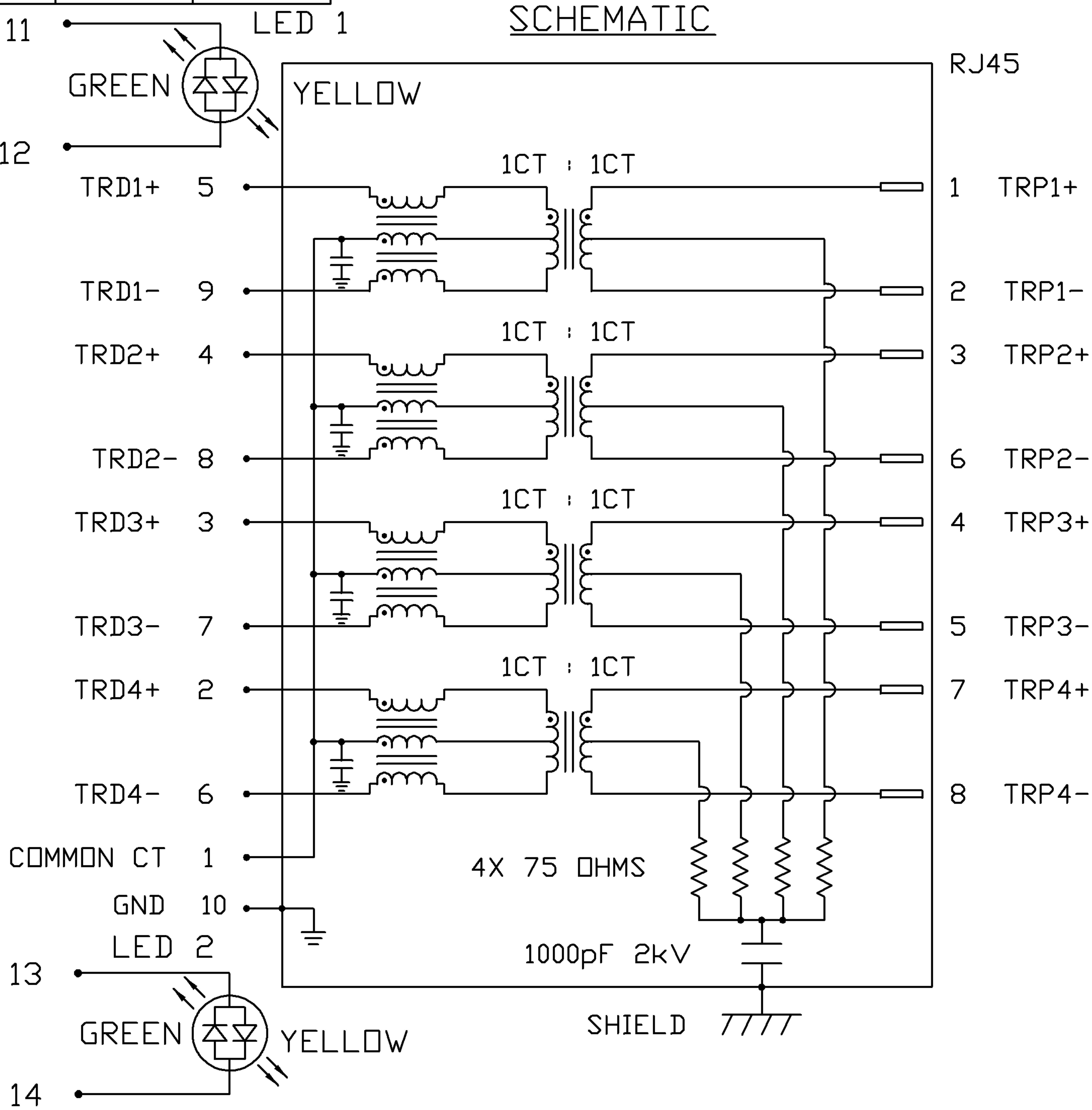
RoHS
2002/95/EC



ELECTRICAL CHARACTERISTICS @ 25°C

Turns Ratio	1CT : 1CT ±3%
TP1	1CT : 1CT ±3%
TP2	1CT : 1CT ±3%
TP3	1CT : 1CT ±3%
TP4	1CT : 1CT ±3%
DCL @ 100kHz/100mVRMS	350 µH MIN.
8mA DC BIAS	
INS. LOSS	
1MHz TO 100MHz	-1.1 dB MAX
RET. LOSS (MIN) @ 100 OHMS +/-15%	
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 PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS.	

LED 1			
VF (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
		YELLOW	2.1V TYP.
λ D (DOMINANT WAVELENGTH)	IF=20mA	GREEN	565nm TYP.
		YELLOW	590nm TYP.
LED 2			
VF (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
λ D (DOMINANT WAVELENGTH)	IF=20mA	GREEN	565nm TYP.



ORIGINATED BY	DATE	TITLE gigabit MagJack® (8 core, Vertical)	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
CHOW WANCHUNG	06-04-08		V890-1CX1-46	TOL. IN INCH		UNIT : INCH [mm]	REV. : PB	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
DENG PING	06-04-08		V890-1CX1-46_PB.DWG	.XX			PAGE : 2	
				.XXX				

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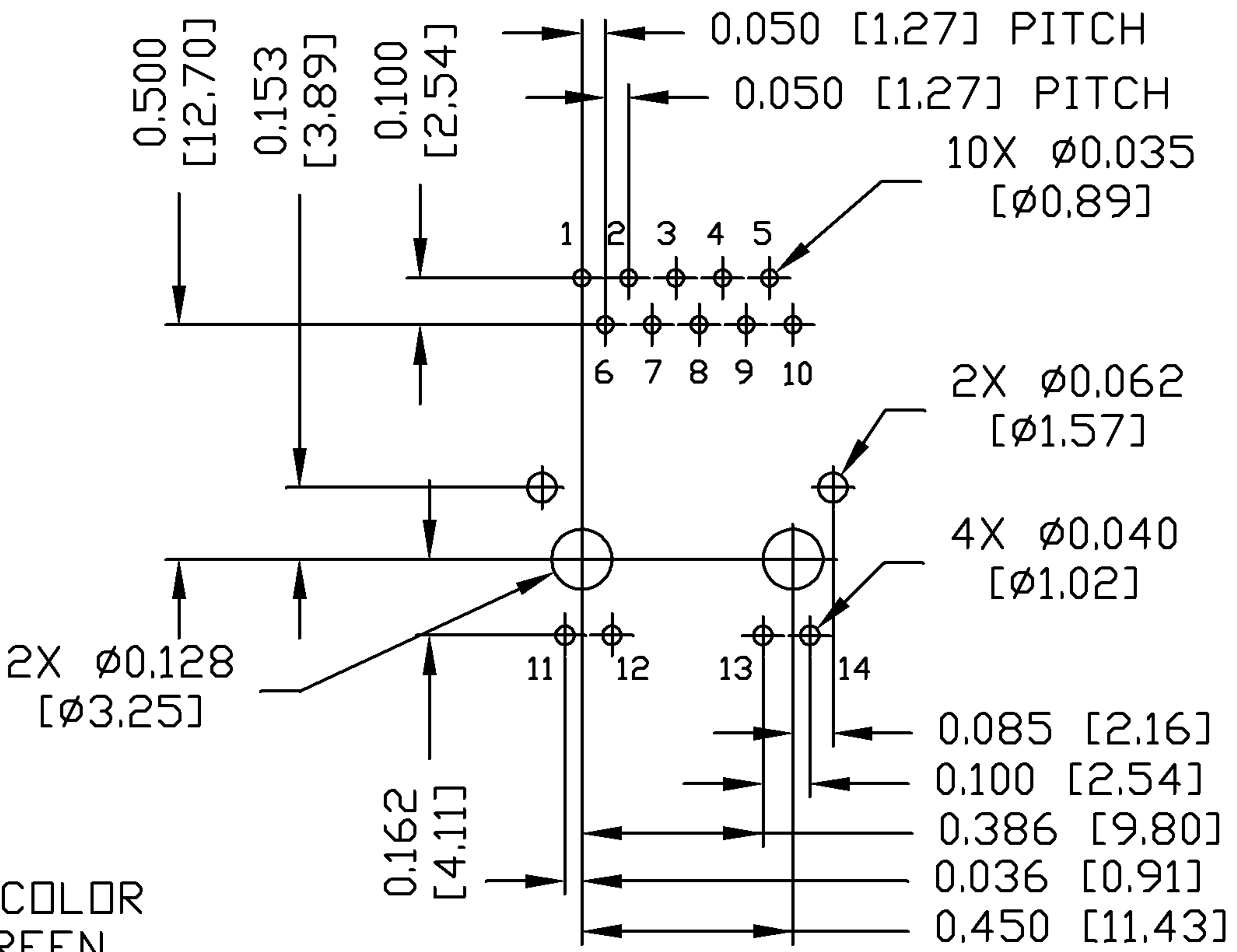
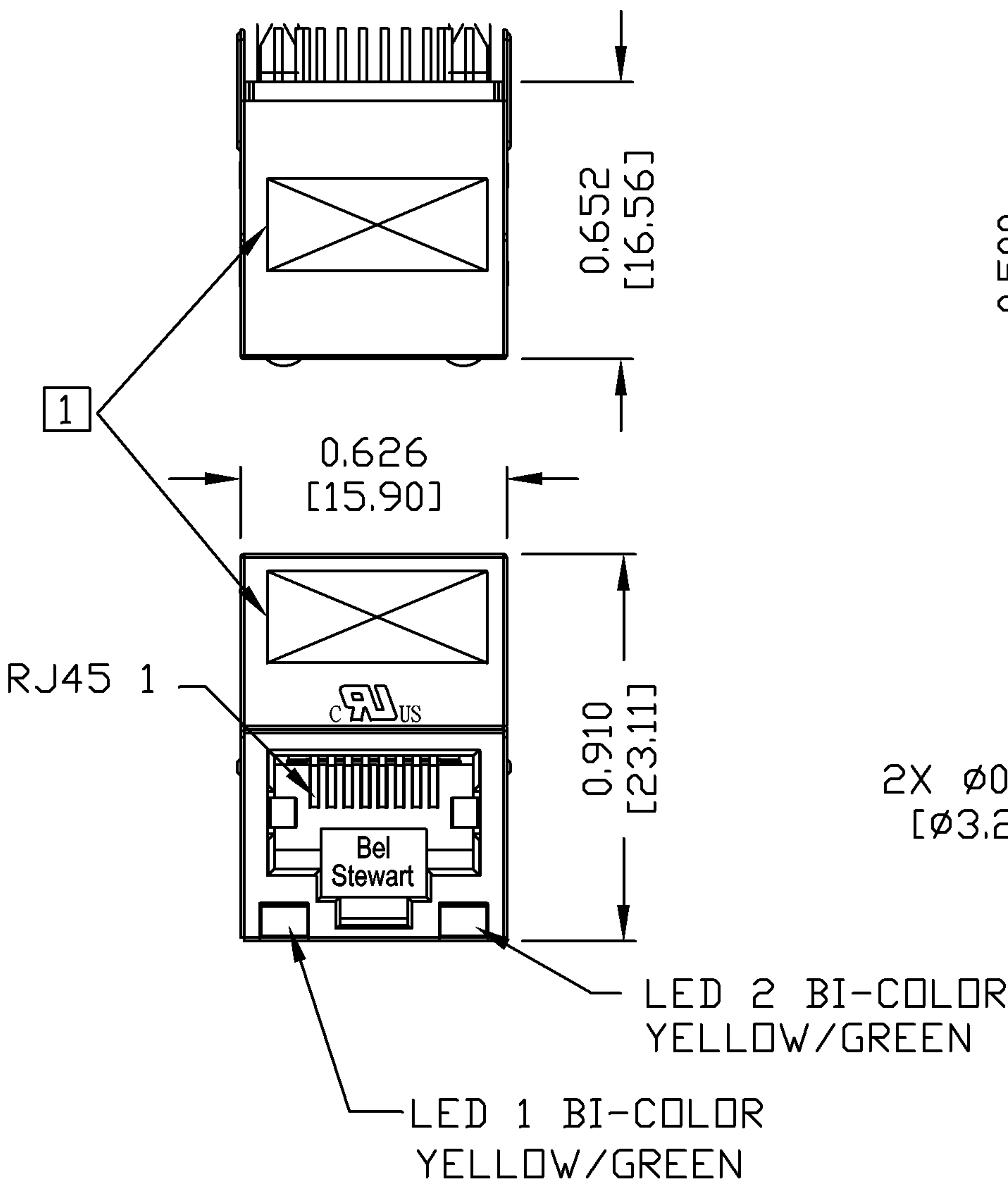
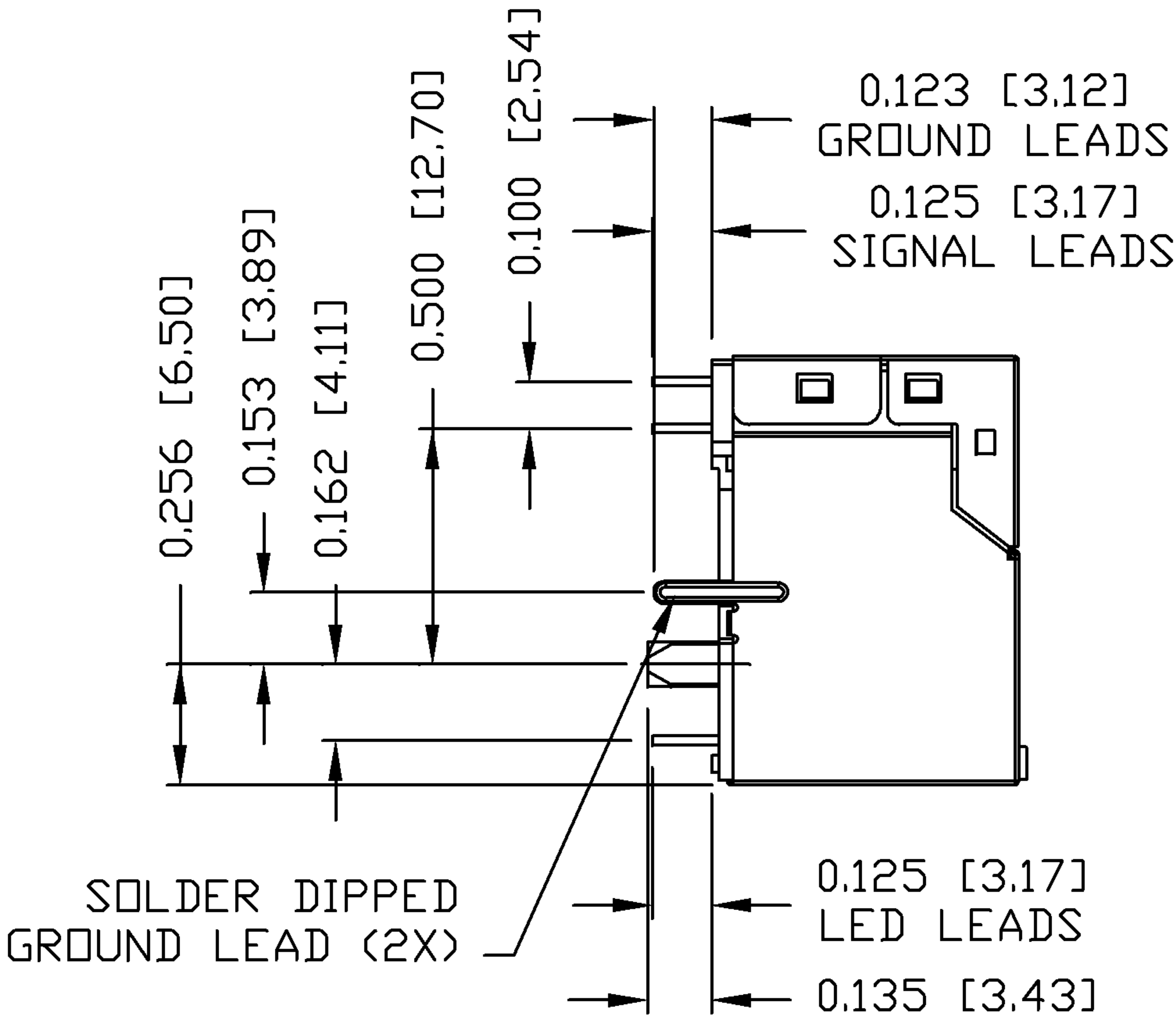
RoHS
2002/95/EC



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

JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

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

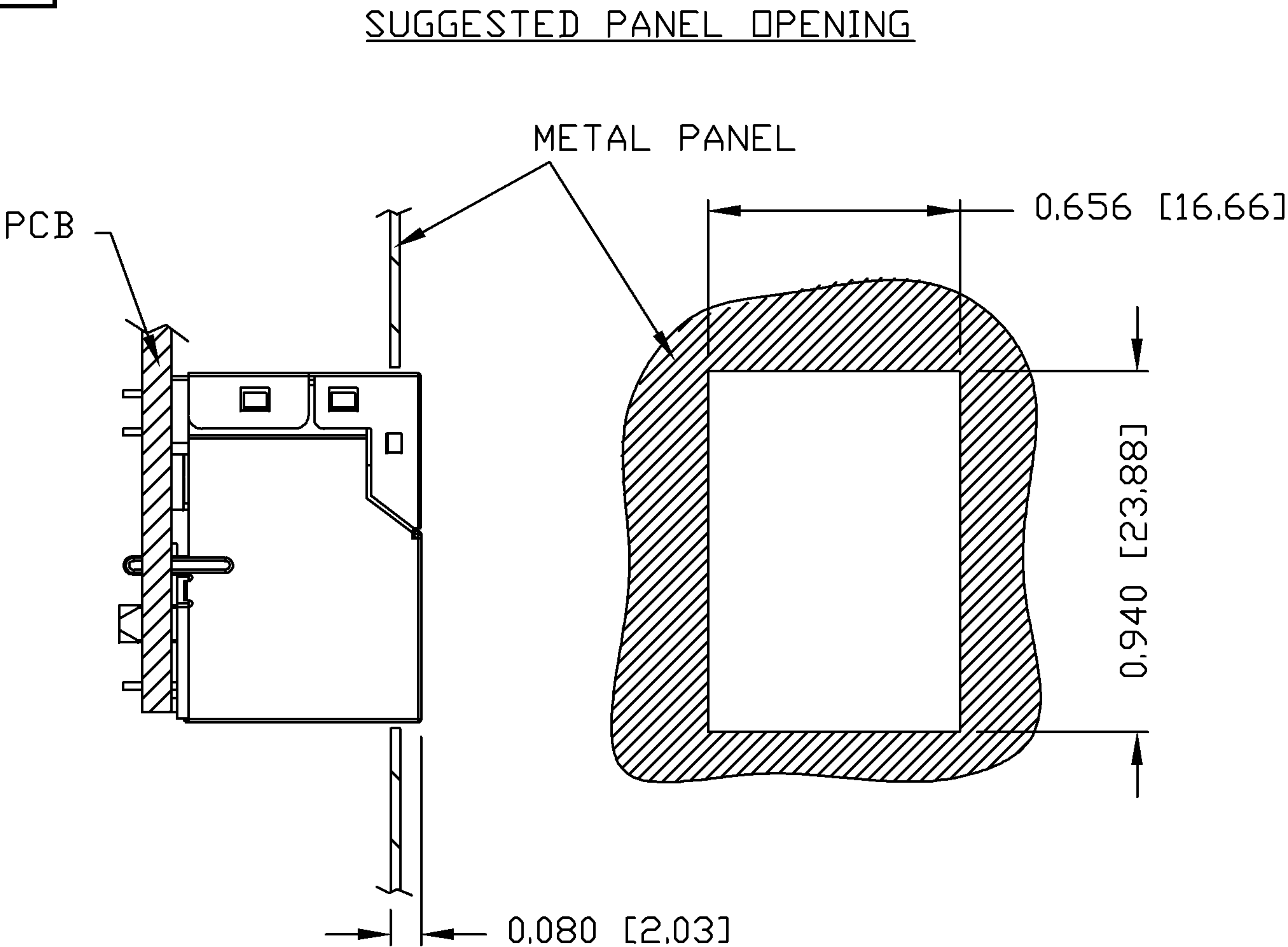
c L RECOGNIZED - FILE #E196366 AND E169987.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
ZX HUANG	06-04-08	gigabit MagJack® (8 cores, Vertical)	V890-1CX1-46	.X	UNIT : INCH [mm] REV. : PB
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A SIZE : A4
CHEN TING	06-04-08		V890-1CX1-46_PB.DWG	.XXX ±0.010	PAGE : 3



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PRELIMINARY



NOTES:

THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION.
IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.
PACKING INFORMATION

PACKING TRAY : 0200-9999-I3(TOP)
 0200-9999-I4(BOTTOM)
PACKING QUANTITY : 55 PCS FINISHED GOODS PER TRAY
 9 TRAYS (495 PCS FINISHED GOODS)
 PER CARTON BOX

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

ORIGINATED BY	DATE	TITLE gigabit MagJack® (8 cores, Vertical)	PART NO. / DRAWING NO.		STANDARD DIM.		[] METRIC DIM. AS REFERENCE		
ZX HUANG	06-04-08		V890-1CX1-46		TOL. IN INCH		UNIT : INCH [mm] REV. : PB		
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A		SIZE : A4	
				.XX		PAGE : 4			
				.XXX		±0.004			
CHEN TING	06-04-08	V890-1CX1-46_PB.DWG							