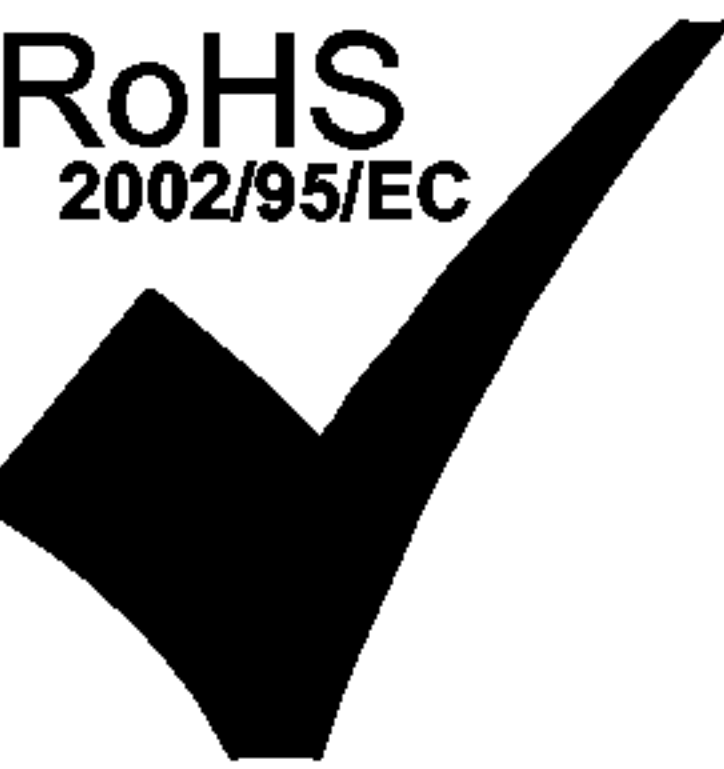


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LED1 POLARITY			LED2 POLARITY		
PIN 14	PIN 13	COLOR	PIN 12	PIN 11	COLOR
-	+	YELLOW	-	+	GREEN

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
Http://www.100y.com.tw



ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TP1	1CT : 1CT ±3%
TP2	1CT : 1CT ±3%
TP3	1CT : 1CT ±3%
TP4	1CT : 1CT ±3%

QCL @ 100kHz/100mVRMS

8mA DC BIAS	350µH MIN.
-------------	------------

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

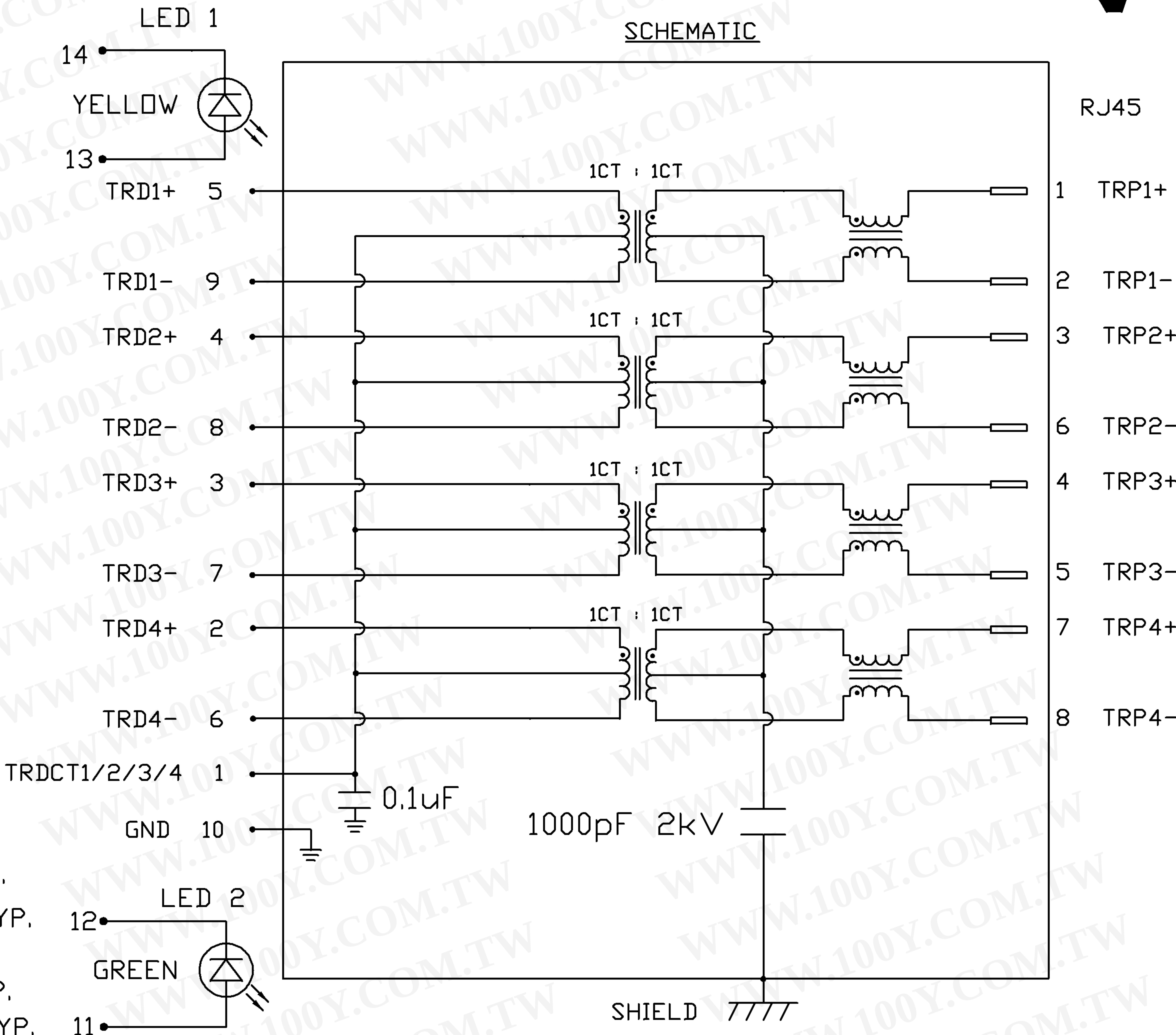
VF (FORWARD VOLTAGE) IF=20mA YELLOW 2.1V TYP.

λD (DOMINANT WAVELENGTH) IF=20mA YELLOW 590nm TYP.

LED 2

VF (FORWARD VOLTAGE) IF=20mA GREEN 2.2V TYP.

λD (DOMINANT WAVELENGTH) IF=20mA GREEN 565nm TYP.



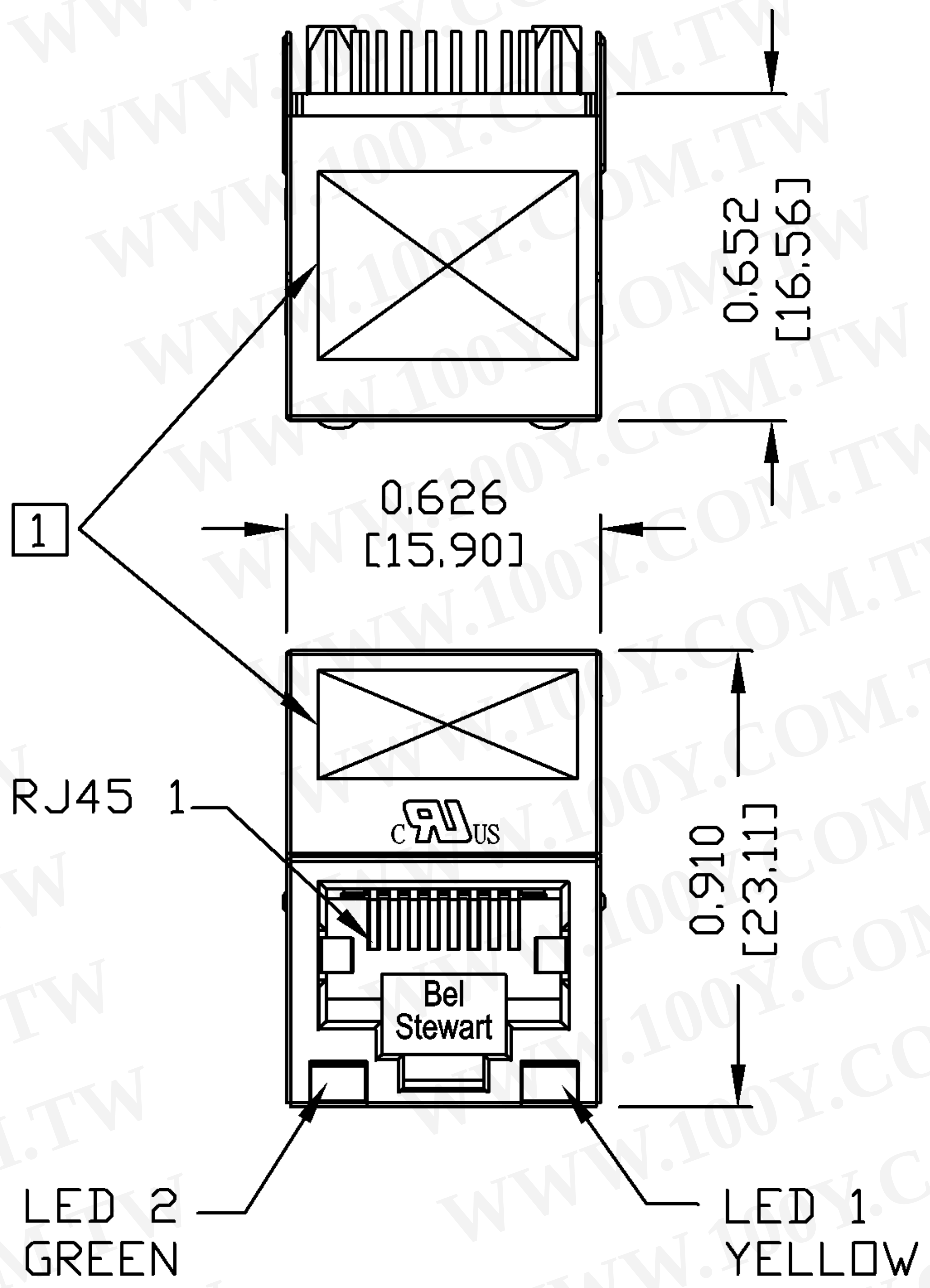
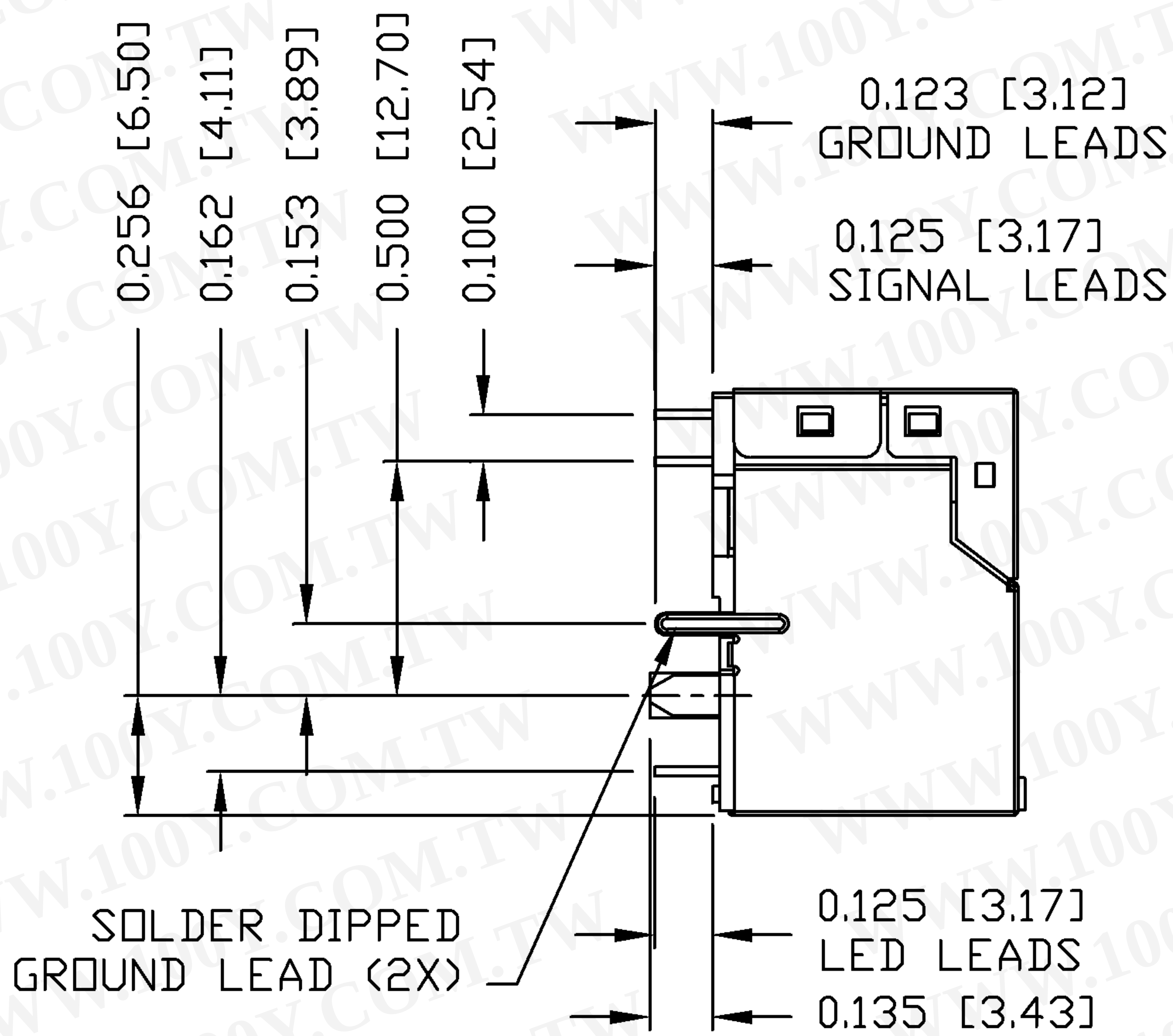
ORIGINATED BY		DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET	
CHOU WANCHUNG		06-03-08			FILE NAME	TOL. IN INCH		UNIT : INCH [mm]		REV. : C
DRAWN BY		DATE				.X		SCALE : N/A		SIZE : A4
DENG PING		06-03-08						.XX		
				V890-1AX1-A1						
				V890-1AX1-A1_C.DWG						

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RoHS
2002/95/EC



MECHANICAL SPECIFICATION



NOTES:

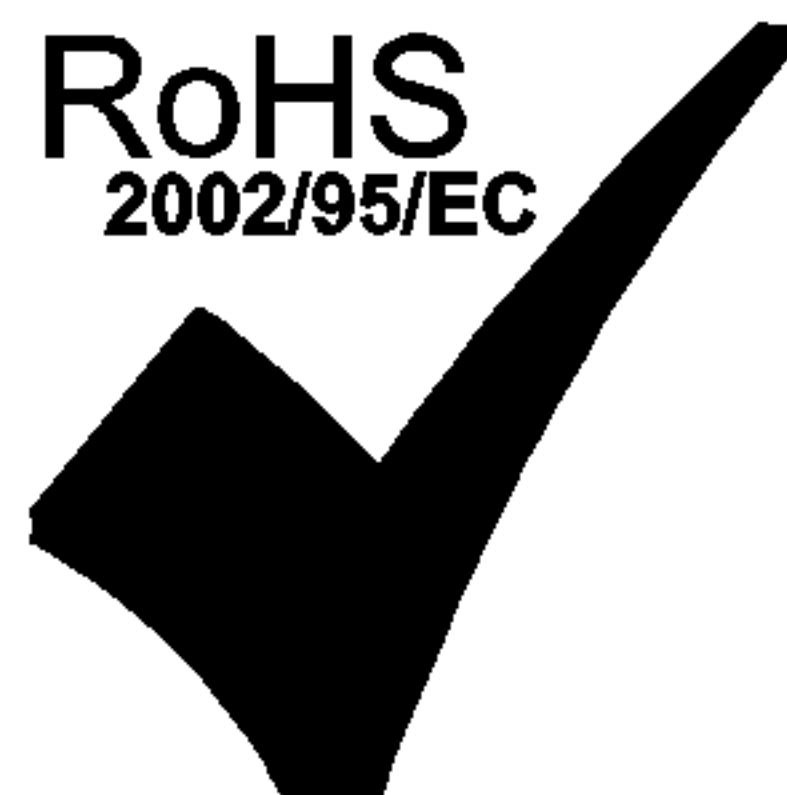
PLASTIC HOUSING: THERMOPLASTIC PBT.
FLAMMABILITY RATING UL 94V-0
CONTACTS: 30 MICRO-INCH HARD GOLD PLATING
OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)
JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.
[1] MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, AND DATE CODE.
RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.
c US UL RECOGNIZED - FILE #E196366 AND E169987.

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ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE	
				TOL. IN INCH		UNIT : INCH [mm]	REV. : C
ZX HUANG	06-03-08	gigabit MagJack® (8 core, Vertical)	V890-1AX1-A1	.X		SCALE : N/A	SIZE : A4
DRAWN BY	DATE		FILE NAME	.XX			PAGE : 3
JOLLY LUO	06-03-08		V890-1AX1-A1_C.DWG	.XXX	±0.010		

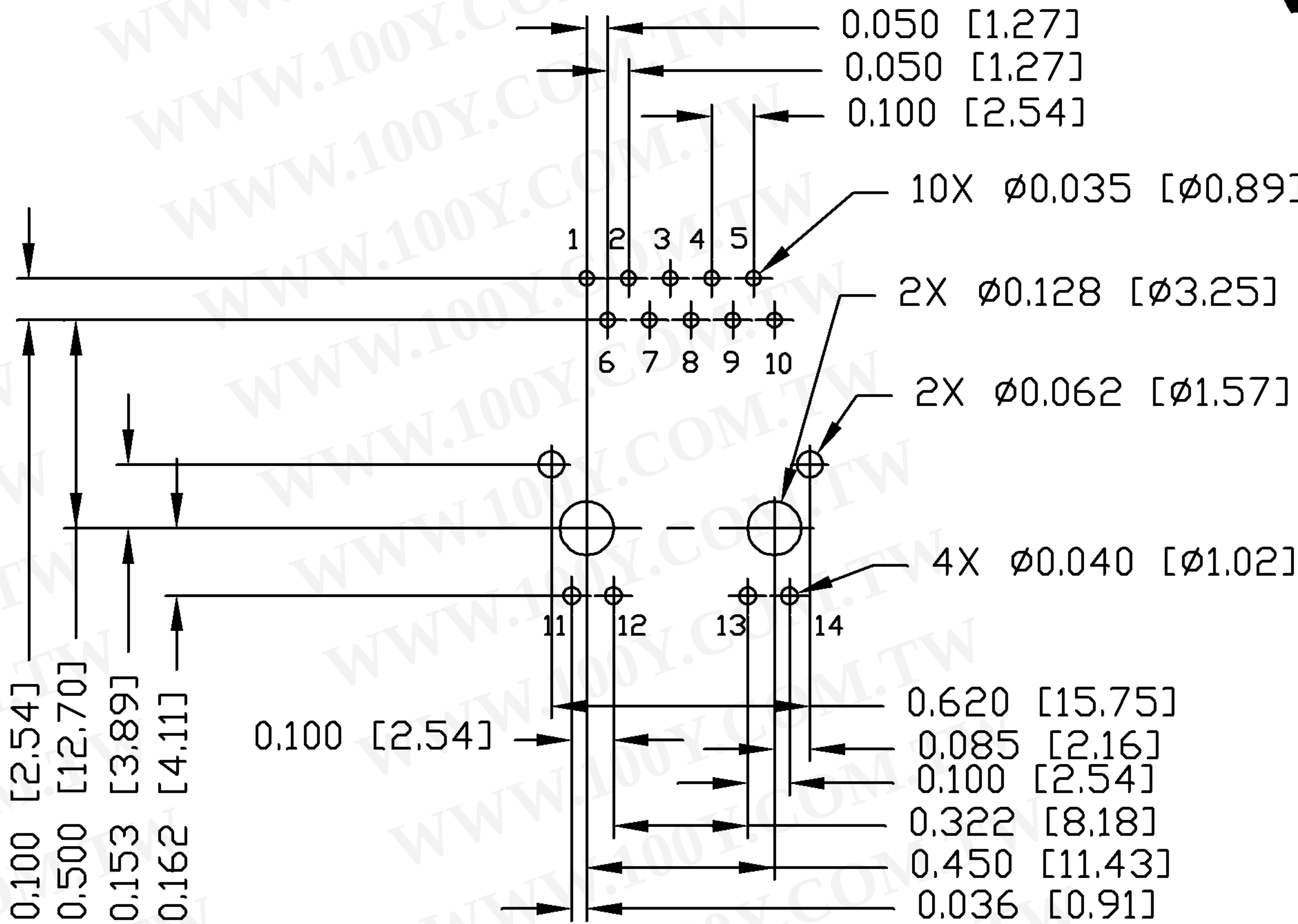
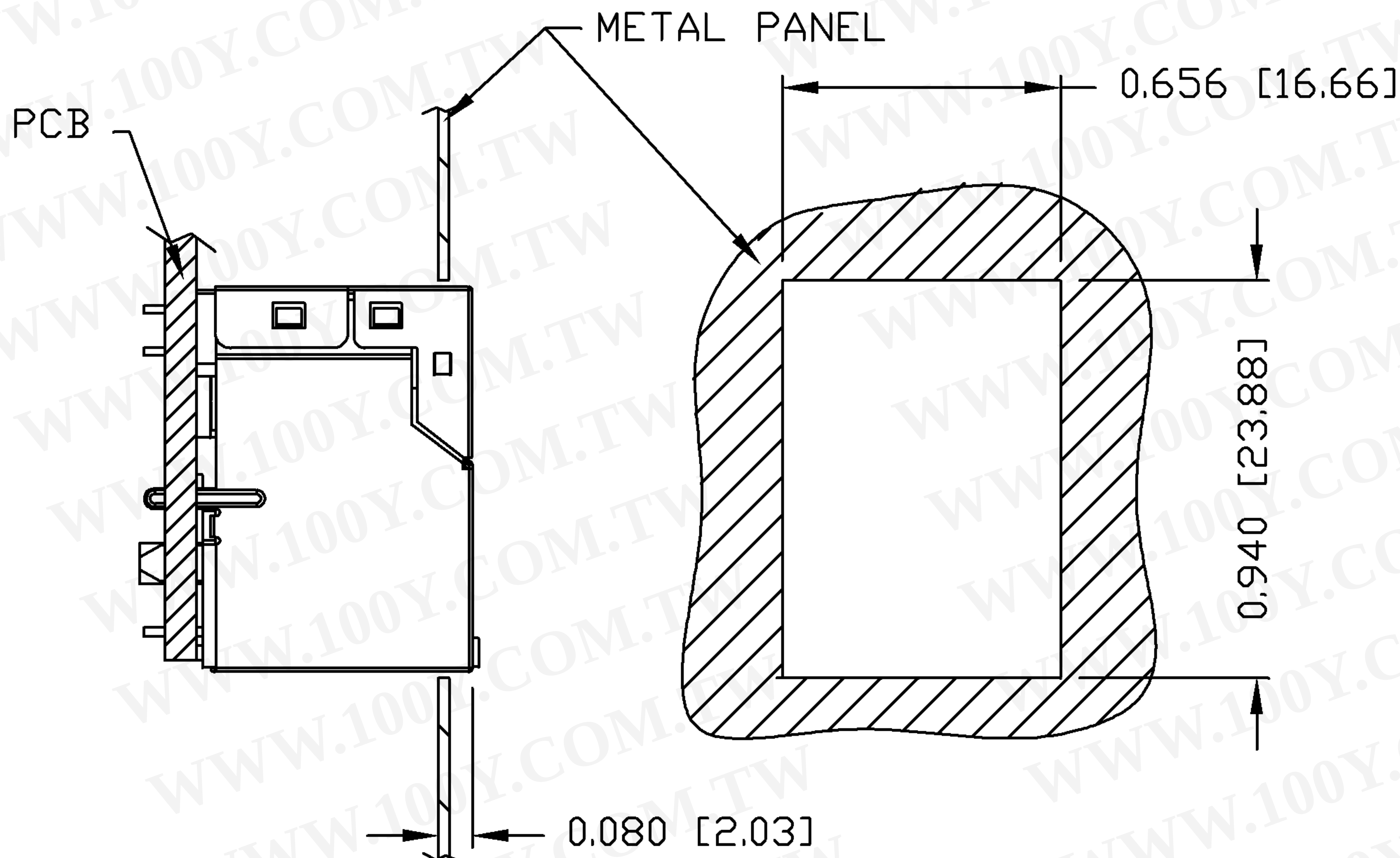


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RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW

SUGGESTED PANEL OPENING



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)

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ORIGINATED BY		DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE					
ZX HUANG		06-03-08			gigabit MagJack® (8 core, Vertical)	V890-1AX1-A1	TOL. IN INCH			UNIT : INCH [mm]	REV. : C	
DRAWN BY		DATE					FILE NAME	.X			SCALE : N/A	SIZE : A4
JOLLY LUO		06-03-08					V890-1AX1-A1_C.DWG	.XX			.XXX	±0.004