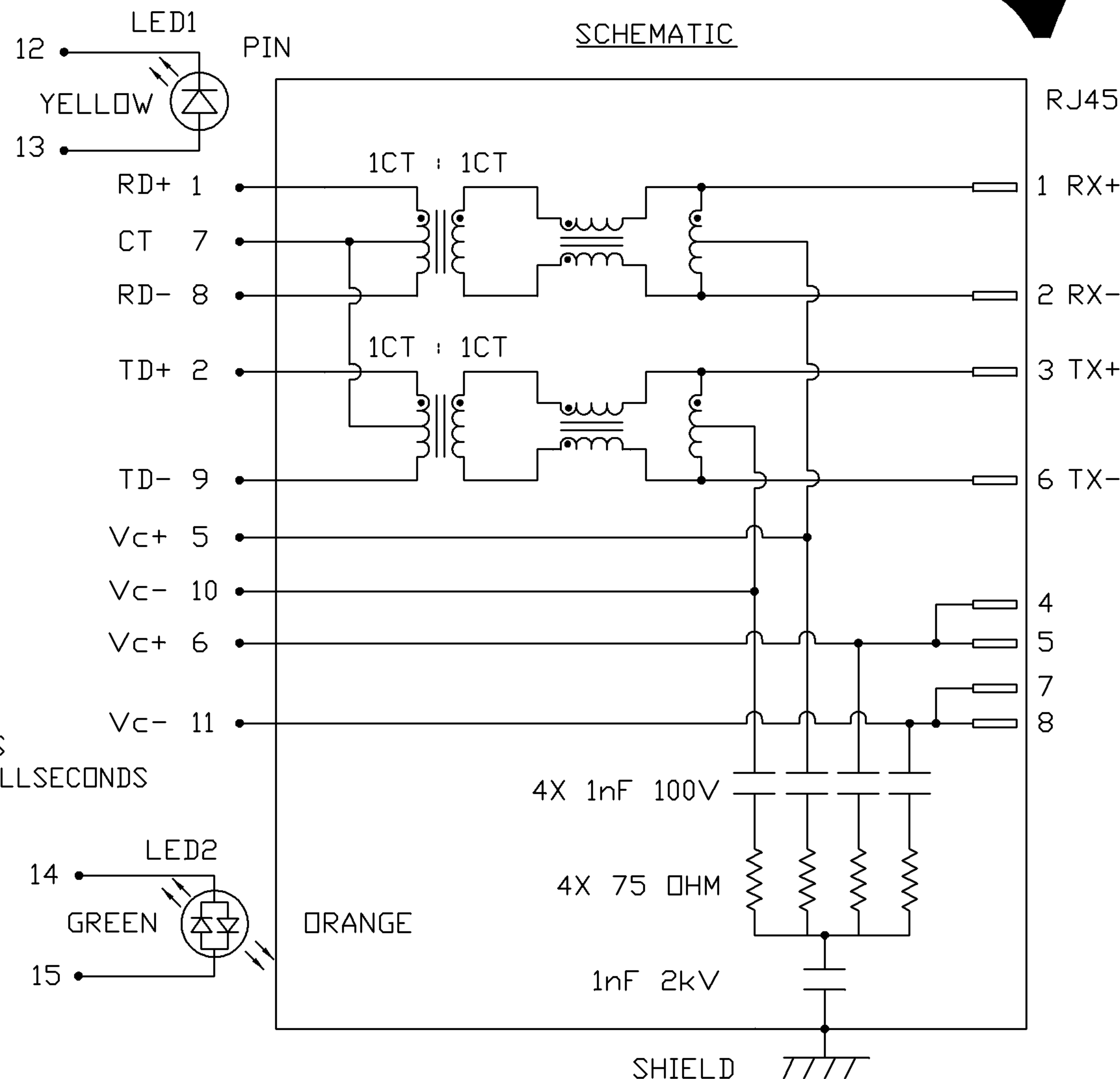


LED1 POLARITY			LED2 POLARITY		
PIN 12	PIN 13	COLOR	PIN 14	PIN 15	COLOR
-	+	YELLOW	+	-	ORANGE
			-	+	GREEN

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO	1CT : 1CT ±2%
CL @ 100kHz/100mVRMS 8mA DC BIAS	350µH MIN.
INSERTION LOSS 100KHz TO 100MHZ	-1.5 dB MAX.
RETURN LOSS (MIN.) 2MHz-30MHz	-16 dB MIN.
60MHz-80MHz	-10 dB MIN.
LEAKAGE INDUCTANCE PRIMARY W/ SECONDARY SHORTED	0.25µH MAX. @ 1MHz
D.C. RESISTANCE (8-1)=(9-2)	1.0 Ω MAX.
(RJ1-RJ2)=(RJ3-RJ6)	1.40 Ω MAX.
INTERWINDING CAPACITANCE PER CHANNEL (PRI. to SEC.)	40 pF MAX.
CROSS TALK 100KHz - 100MHZ	-30 dB MIN.
BALANCED DC LINE CURRENT	350mA MAX. @ 57 VDC CONTINUOUS 500mA MAX. @ 57 VDC FOR 200 MILLSECONDS
HIPOT (ISOLATION VOLTAGE)	2250 VDC
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.
	ORANGE 2.0V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA GREEN 565nm TYP.
	ORANGE 610nm TYP.



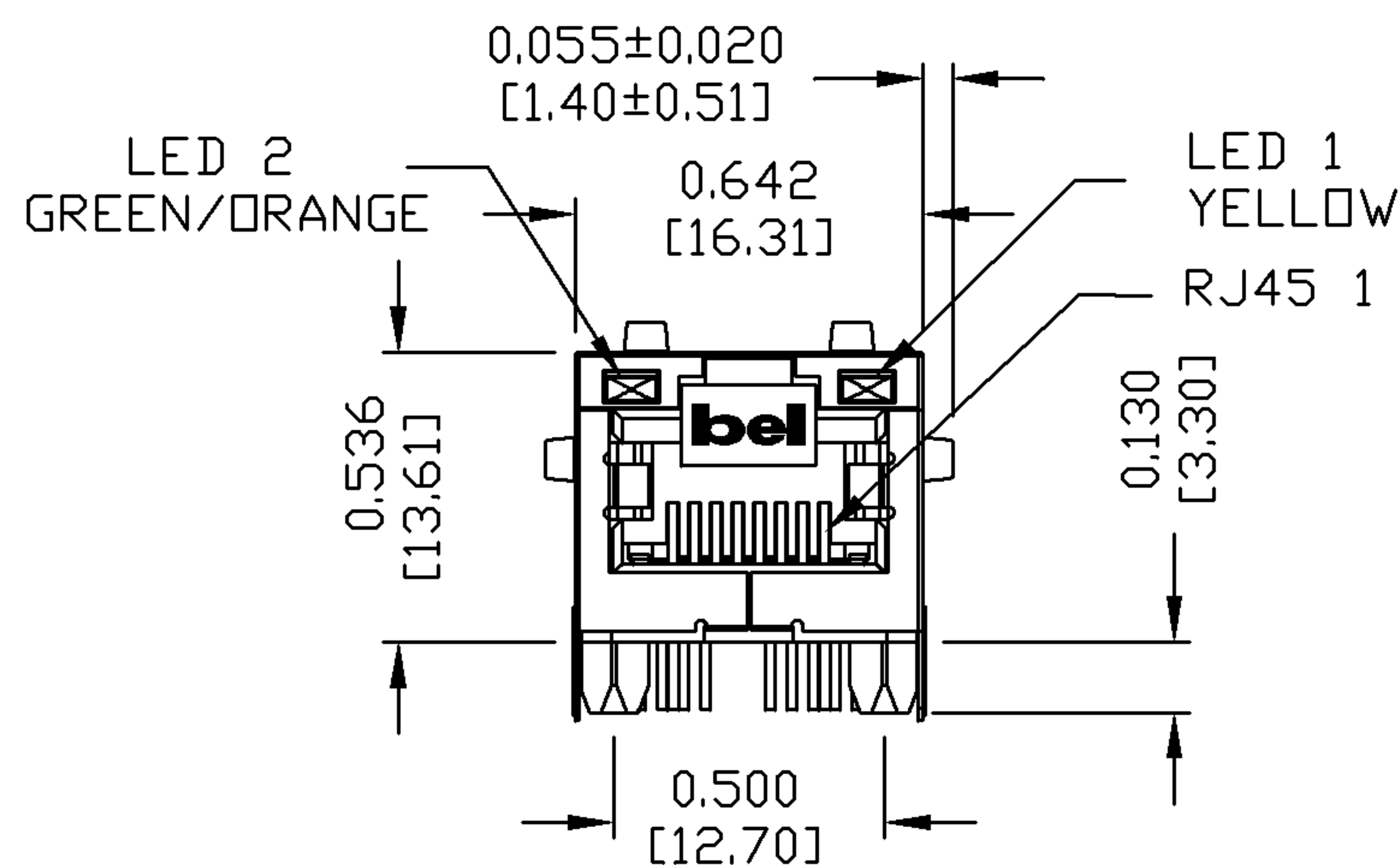
ORIGINATED BY WANCHUNG CHOW	DATE 07-28-08	TITLE 10/100 MagJack® (VOIP, Tab Up)	PART NO. / DRAWING NO. 08261X1T57-F	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
DRAWN BY WEIDE LEE	DATE 07-28-08	FILE NAME 0826-1X1T-57-F		.X .XX .XXX	UNIT : INCH [mm] SCALE : N/A REV. : D SIZE : A4 PAGE : 2

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RoHS
2002/95/EC



MECHANICAL SPECIFICATION



NOTES:

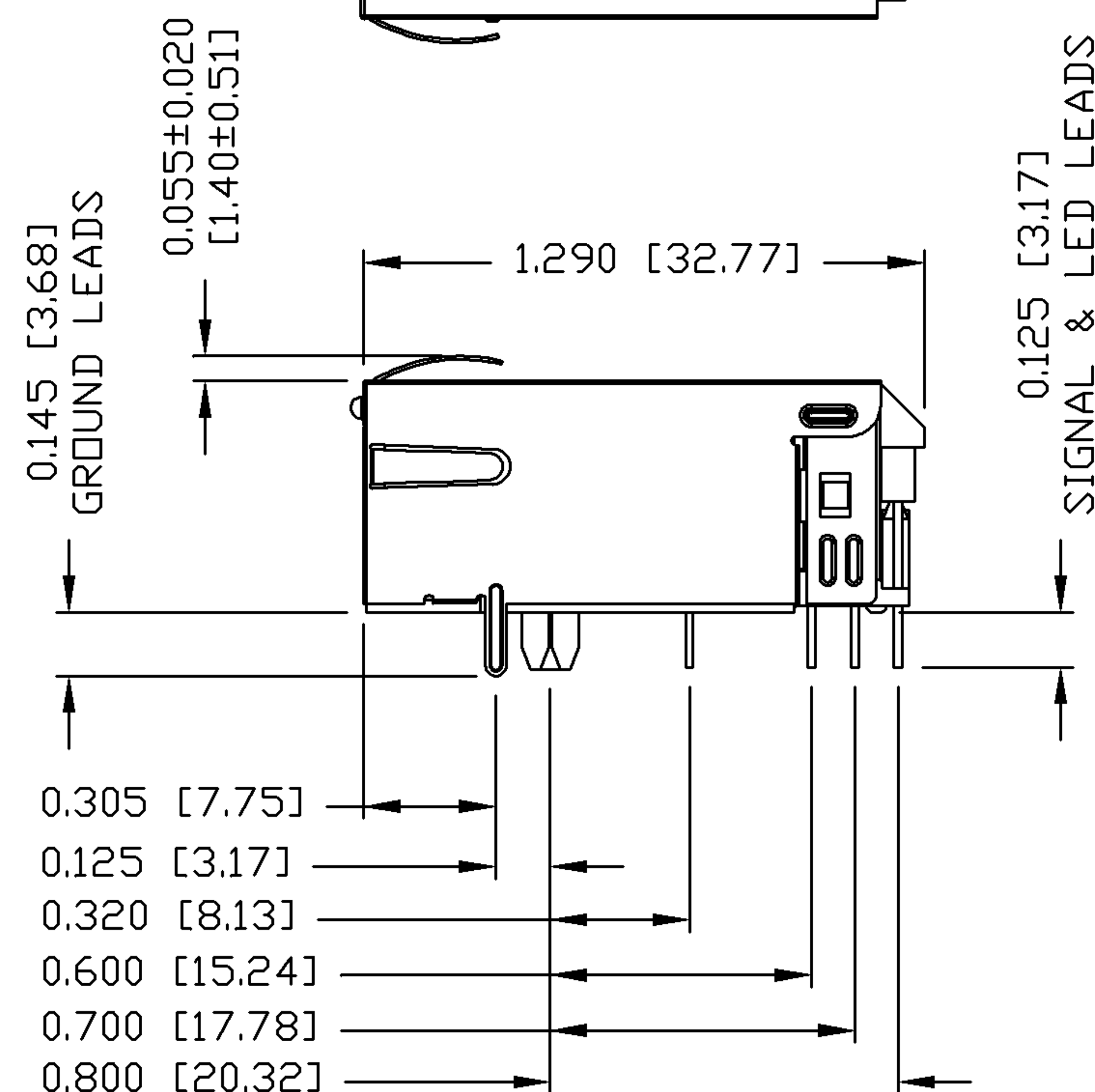
PLASTIC HOUSING: THERMOPLASTIC PA
FLAMMABILITY RATING UL 94V-0

CONTACTS: 50 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.



c USUL RECOGNIZED - FILE #E196366 AND E169987.

2. 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	
ZX HUANG	07-28-08	10/100 MagJack® (VOIP, Tab Up) 0826-1X1T-57-F	08261X1T57-F		UNIT : INCH [mm]	REV. : D
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4
BL CHEN	07-28-08		08261X1T57-F_D.DWG	.XX		PAGE : 3
				.XXX	±0.010	

bel
COMPONENTS FOR A
CONNECTED
PLANET

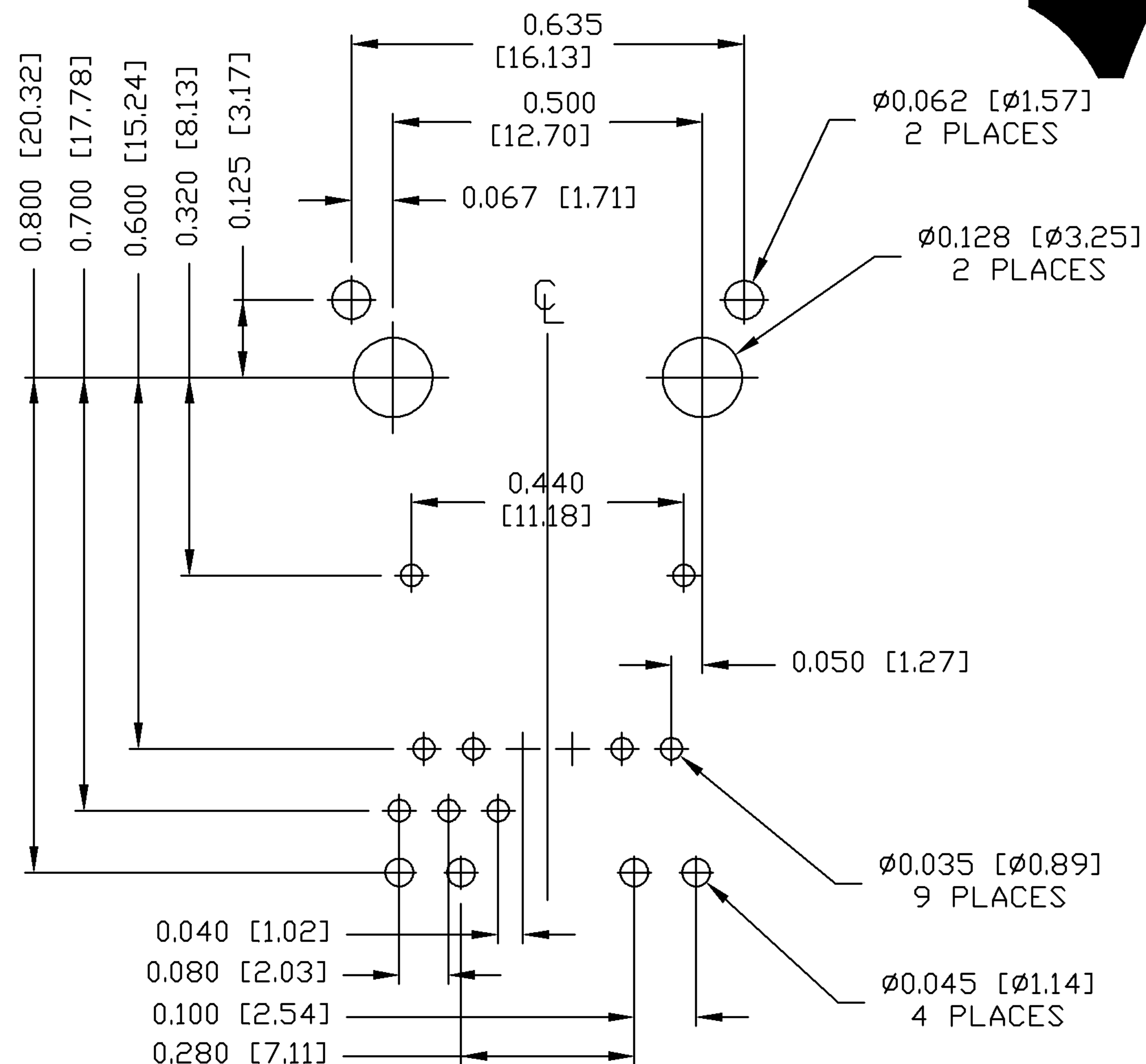
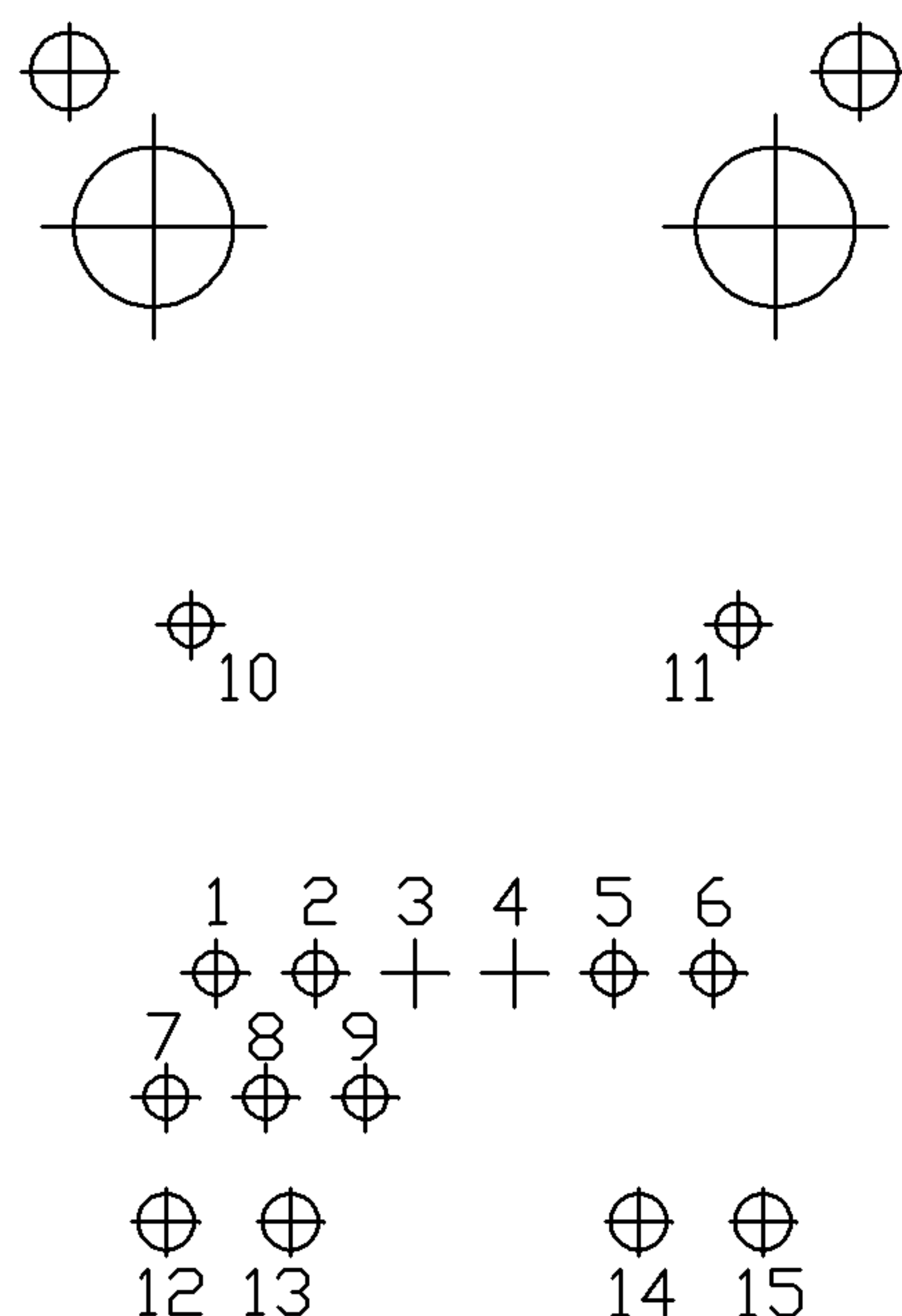
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RECOMMENDED PCB FOOTPRINT COMPONENT SIDE VIEW

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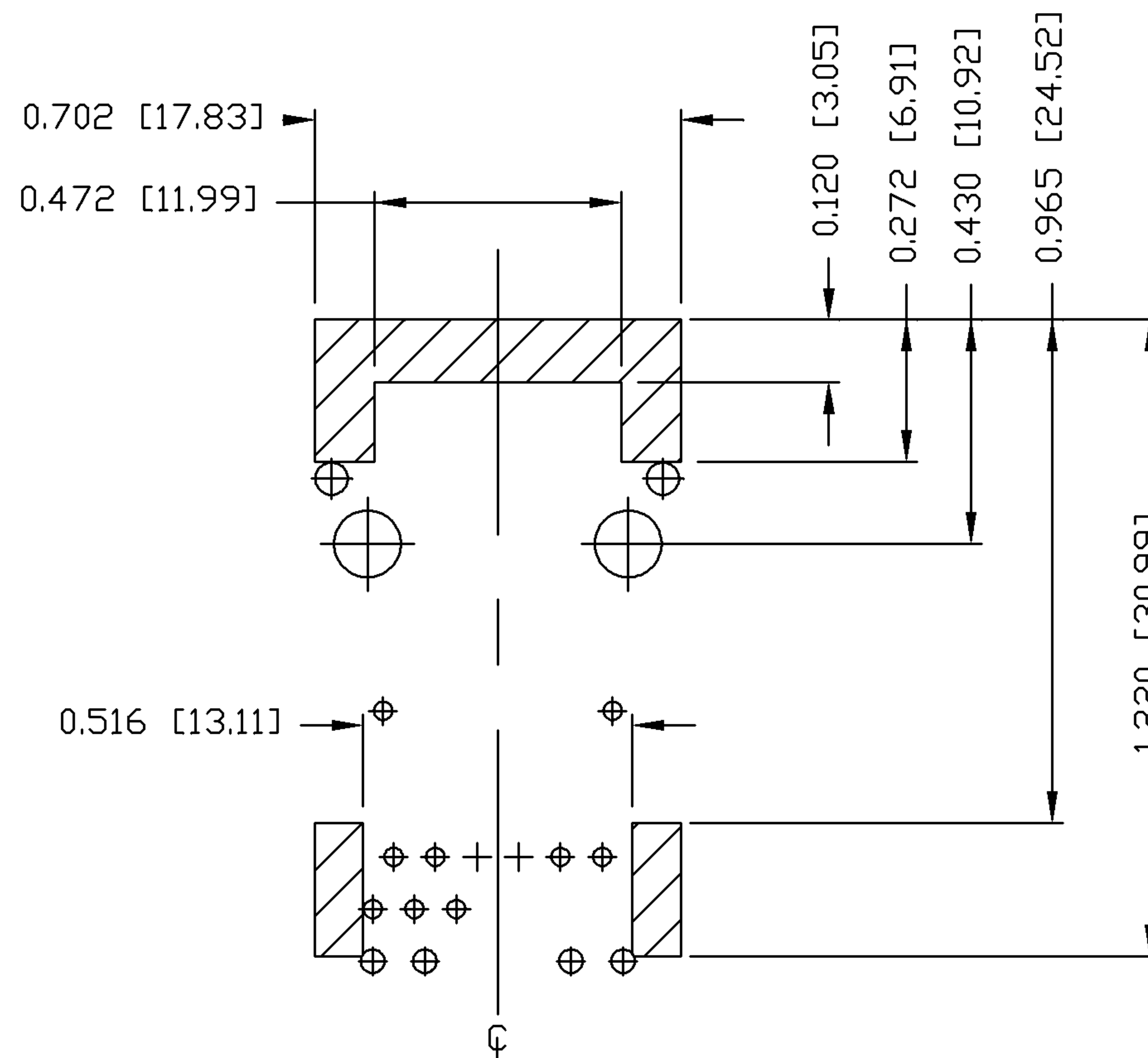


PIN ASSIGNMENT - EACH PORT COMPONENT SIDE VIEW



ORIGINATED BY ZX HUANG	DATE 07-28-08	TITLE 10/100 MagJack® (VOIP, Tab Up) 0826-1X1T-57-F	PART NO. / DRAWING NO. 08261X1T57-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
DRAWN BY BL CHEN	DATE 07-28-08		FILE NAME 08261X1T57-F_D.DWG	.X		UNIT : INCH [mm]	REV. : D	
				.XX		SCALE : N/A	SIZE : A4	
				.XXX	±0.004		PAGE : 4	

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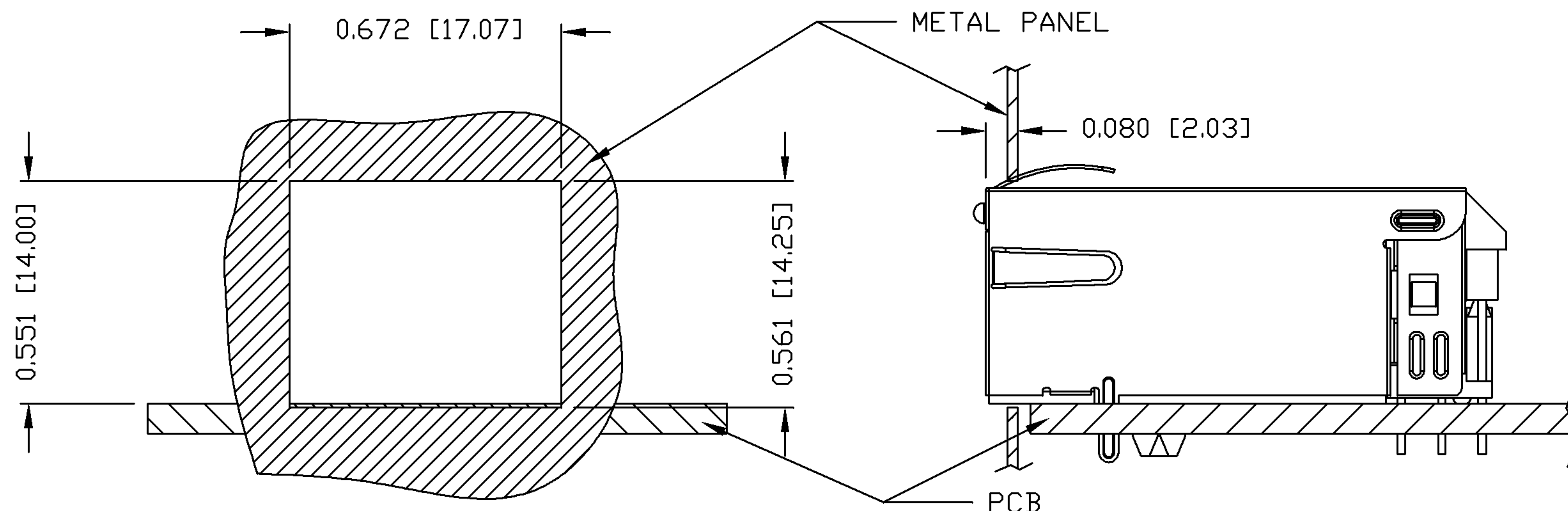
NOTES

THE SHADED AREA ON THE CUSTOMER BOARD ARE RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR COMPONENT PAD.

ORIGINATED BY ZX HUANG	DATE 07-28-08	TITLE 10/100 MagJack® (V□IP, Tab Up) 0826-1X1T-57-F	PART NO. / DRAWING NO. 08261X1T57-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
DRAWN BY BL CHEN	DATE 07-28-08		FILE NAME 08261X1T57-F_D.DWG	.X		UNIT : INCH [mm]	REV. : D	
				.XX		SCALE : N/A	SIZE : A4	
				.XXX	±0.004		PAGE : 5	



SUGGESTED PANEL OPENING



NOTE:

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-F6 (TOP)

0200-9999-F7 (BOTTOM)

PACKING QUANTITY : 40 PCS FINISHED GOODS PER TRAY

10 TRAYS (400 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
ZX HUANG	07-28-08	10/100 MagJack® (VOIP, Tab Up)	08261X1T57-F		UNIT : INCH [mm] REV. : D
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A SIZE : A4
BL CHEN	07-28-08	0826-1X1T-57-F	08261X1T57-F_D.DWG	.XX	
				.XXX	±0.004
					⊕
					PAGE : 6