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RoHS
2002/95/EC



LED1 POLARITY			LED2 POLARITY		
PIN 13	PIN 14	COLOR	PIN 15	PIN 16	COLOR
-	+	YELLOW	+	-	ORANGE
/	/	/	-	+	GREEN

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TP1	1CT : 1CT ±2%
TP2	1CT : 1CT ±2%
TP3	1CT : 1CT ±2%
TP4	1CT : 1CT ±2%

□CL @ 100kHz/100mVRMS

8mA DC BIAS 350µH MIN.

INS. LOSS

0.1MHz TO 1MHz	-1.1 dB MAX
1MHz TO 65MHz	-0.5 dB MAX
65MHz TO 100MHz	-0.8 dB MAX
100MHz TO 125MHz	-1.2 dB MAX

RET. LOSS (MIN)

0.5MHz-40MHz	-18 dB
40MHz-100MHz	-12+20LOG(f/80MHz) dB

CM TO CM REJ

100kHz - 100MHz -30 dB MIN

CM TO DM REJ

100kHz - 100MHz -35 dB MIN

HIPOT (Isolation Voltage):

1500 Vrms

100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS.

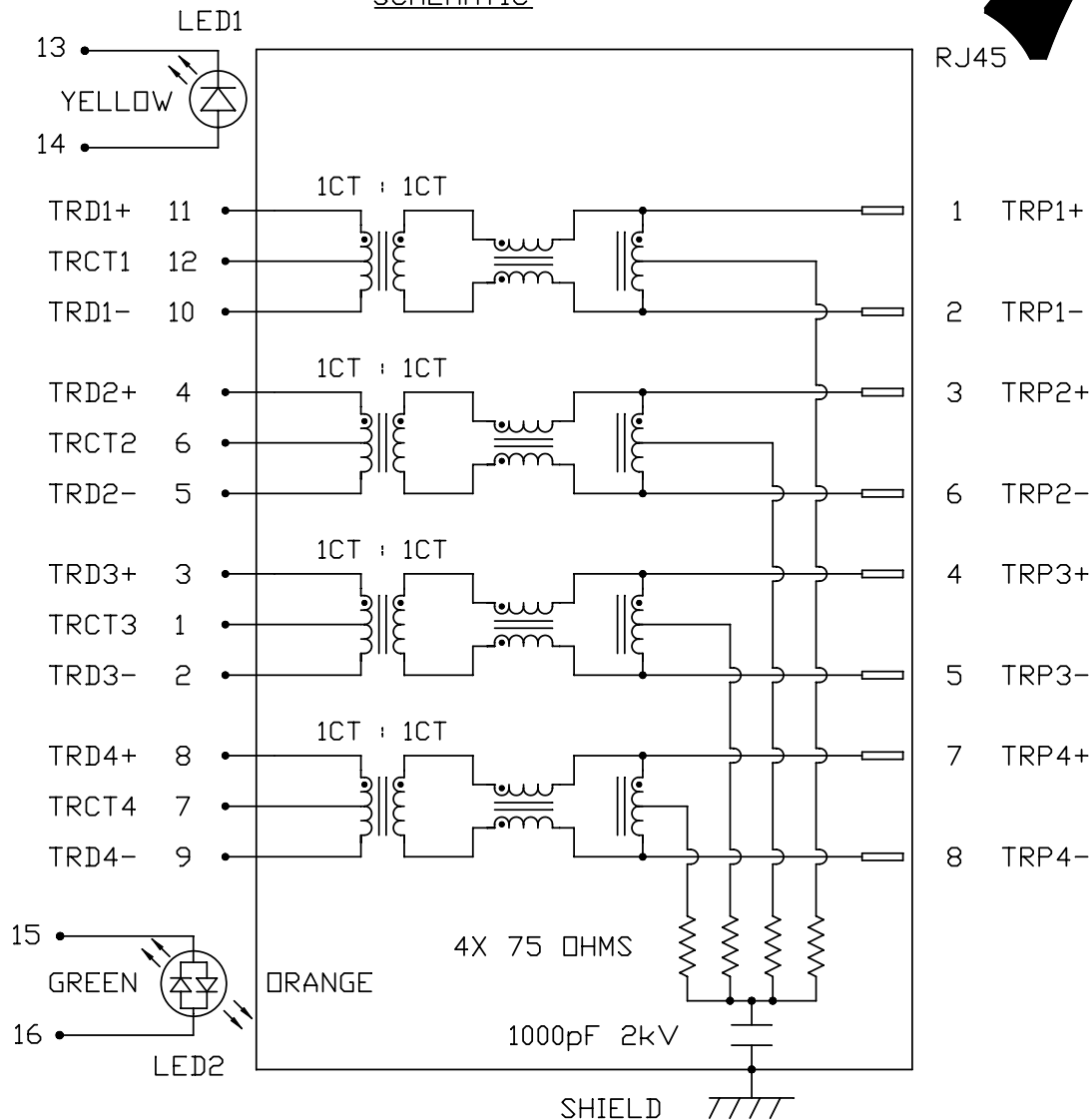
LED 1

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.
ORANGE 2.0V TYP.
λD (DOMINANT WAVELENGTH) IF=20mA GREEN 565nm TYP.
ORANGE 610nm TYP.

SCHEMATIC



ORIGINATED BY	DATE	TITLE
CHOW WANGCHUNG	10-29-08	
DRAWN BY	DATE	PART NO. / DRAWING NO.
LI YONGFENG	10-29-08	

gigabit MagJack® (12 cores, Tab Up)	
0826-1X2T-23-F	

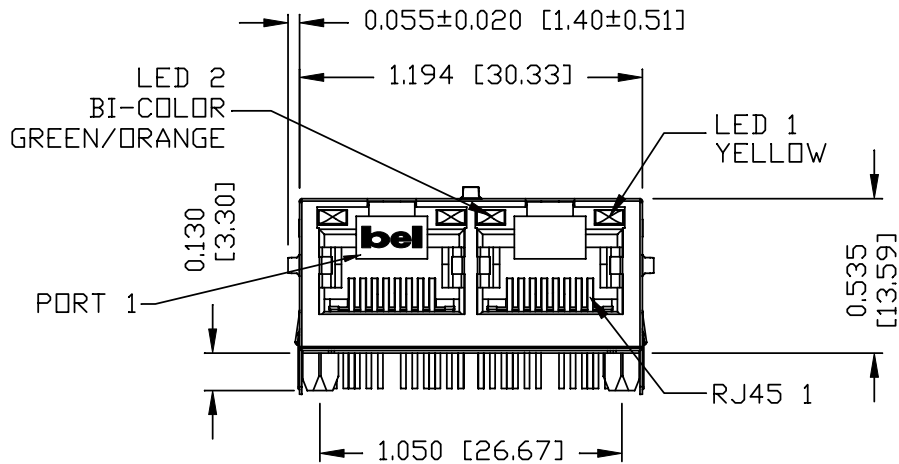
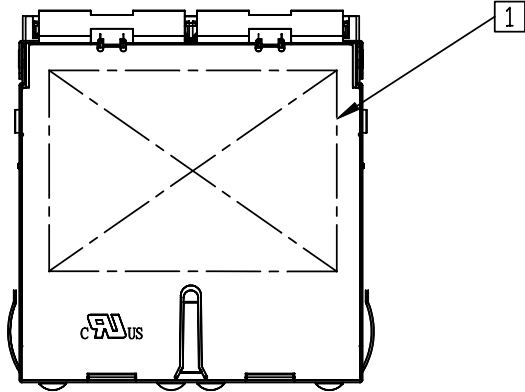
STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
.X	UNIT : INCH [mm]
.XX	SCALE : N/A
.XXX	REV. : B
	SIZE : A4
	PAGE : 2

FILE NAME	08261X2T23-F_B.DWG
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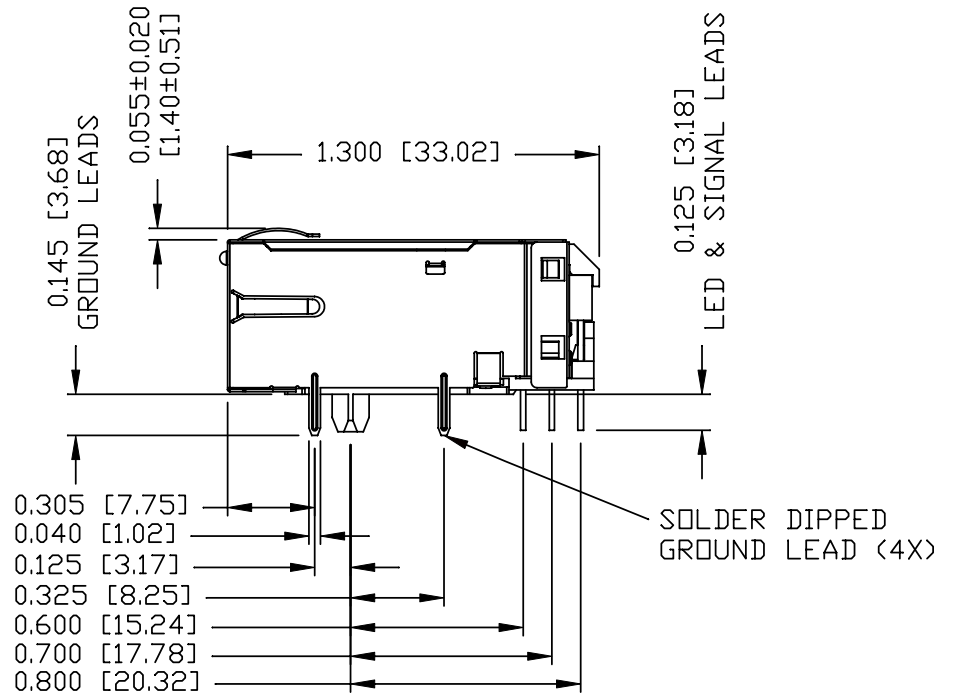
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NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0
CONTACTS PLATING: 30 MICRO-INCH HARD GOLD PLATING
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, PART NUMBER, DATE CODE AND MFG NAME.

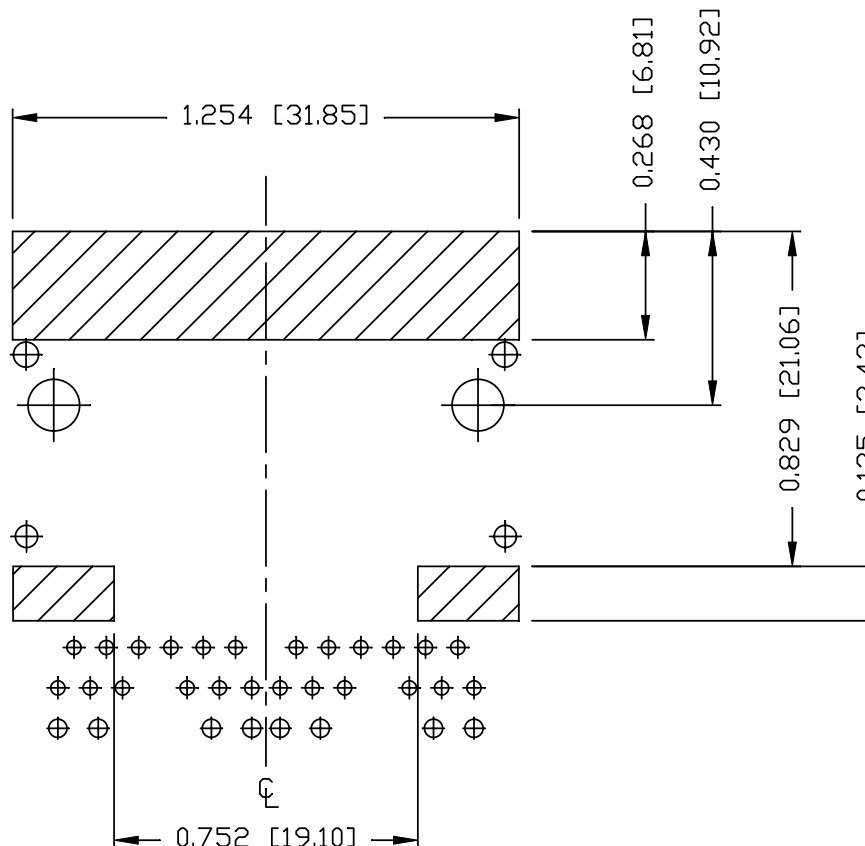


UL US UL RECOGNIZED - FILE #E196366 AND E169987.
RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.
JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

ORIGINATED BY ZX HUANG	DATE 10-29-08	TITLE gigabit MagJack® (12 cores, Tab Up) 0826-1X2T-23-F	PART NO. / DRAWING NO. 08261X2T23-F	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE		 COMPONENTS ON A CONNECTED PLANET
DRAWN BY BL CHEN	DATE 10-29-08		FILE NAME 08261X2T23-F_B.DWG	.X .XX .XXX	UNIT : INCH [mm] SCALE : N/A	REV. : B SIZE : A4 PAGE : 3	
				±0.010			

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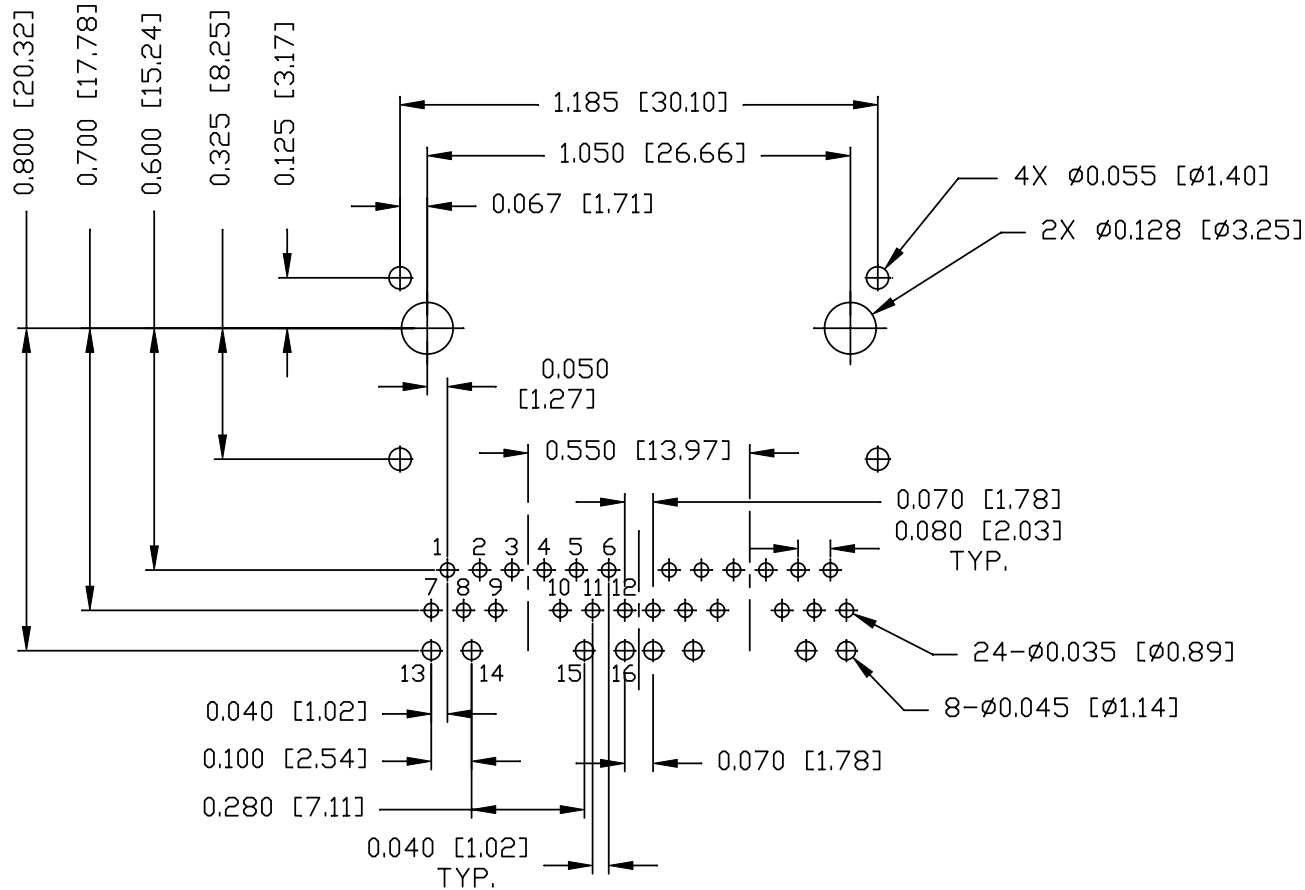
NOTES

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

ORIGINATED BY ZX HUANG	DATE 10-29-08	TITLE gigabit MagJack® (12 corse,Tab Up) 0826-1X2T-23-F	PART NO. / DRAWING NO. 08261X2T23-F	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	bel COMMUNICATIONS PLANT
DRAWN BY BL CHEN	DATE 10-29-08		FILE NAME 08261X2T23-F_B.DWG	.X .XX .XXX	UNIT : INCH [mm] SCALE : N/A ±0.004	

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RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW

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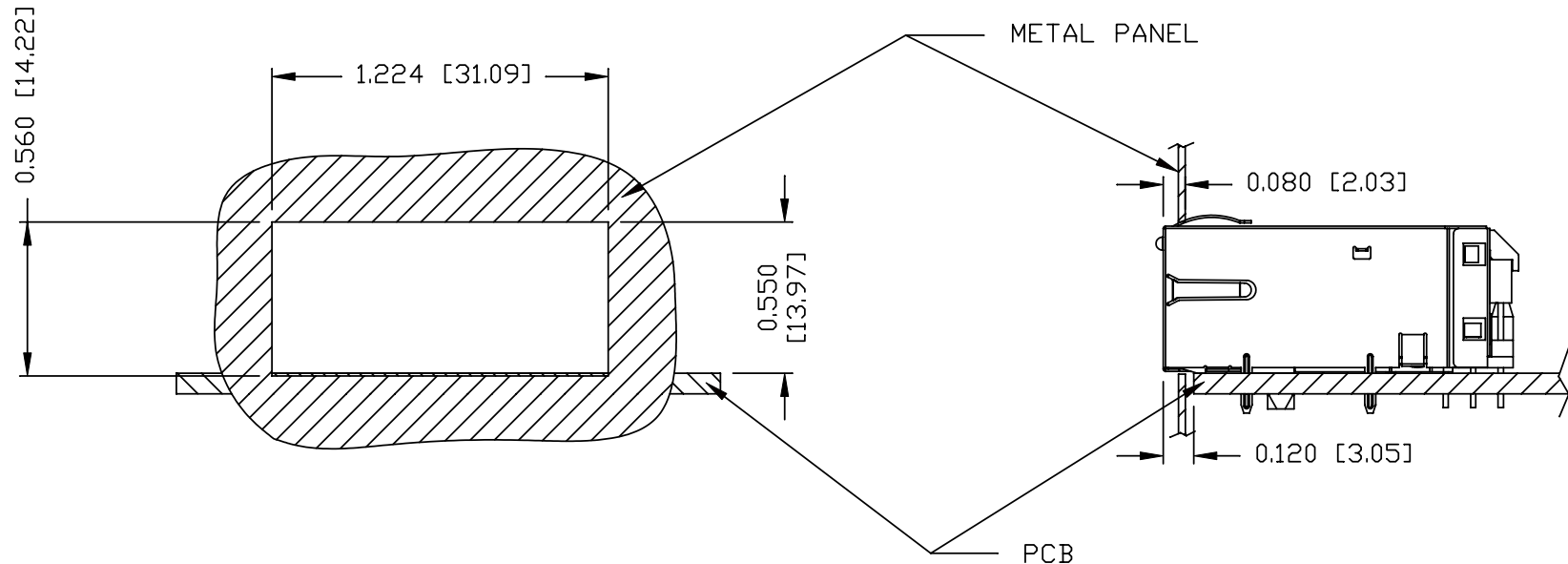


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SUGGESTED PANEL OPENING



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-I1 (TOP)
0200-9999-I2 (BOTTOM)

PACKING QUANTITY: 49 PCS FINISHED GOODS PER TRAY
7 TRAYS (343 PCS FINISHED GOODS) PER CARTON BOX.

NOTE: CARDBOARD ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX.
(INCLUDE THE UPPERMOST AND LOWEREST TRAY)

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DRAWN BY BL CHEN	DATE 10-29-08		FILE NAME 08261X2T23-F_B.DWG	.X	UNIT : INCH [mm]	
			.XX	SCALE : N/A	SIZE : A4	
			.XXX ±0.004		PAGE : 6	