

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



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.
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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
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CM TO DM REJ

100kHz - 100MHz	-35 dB MIN
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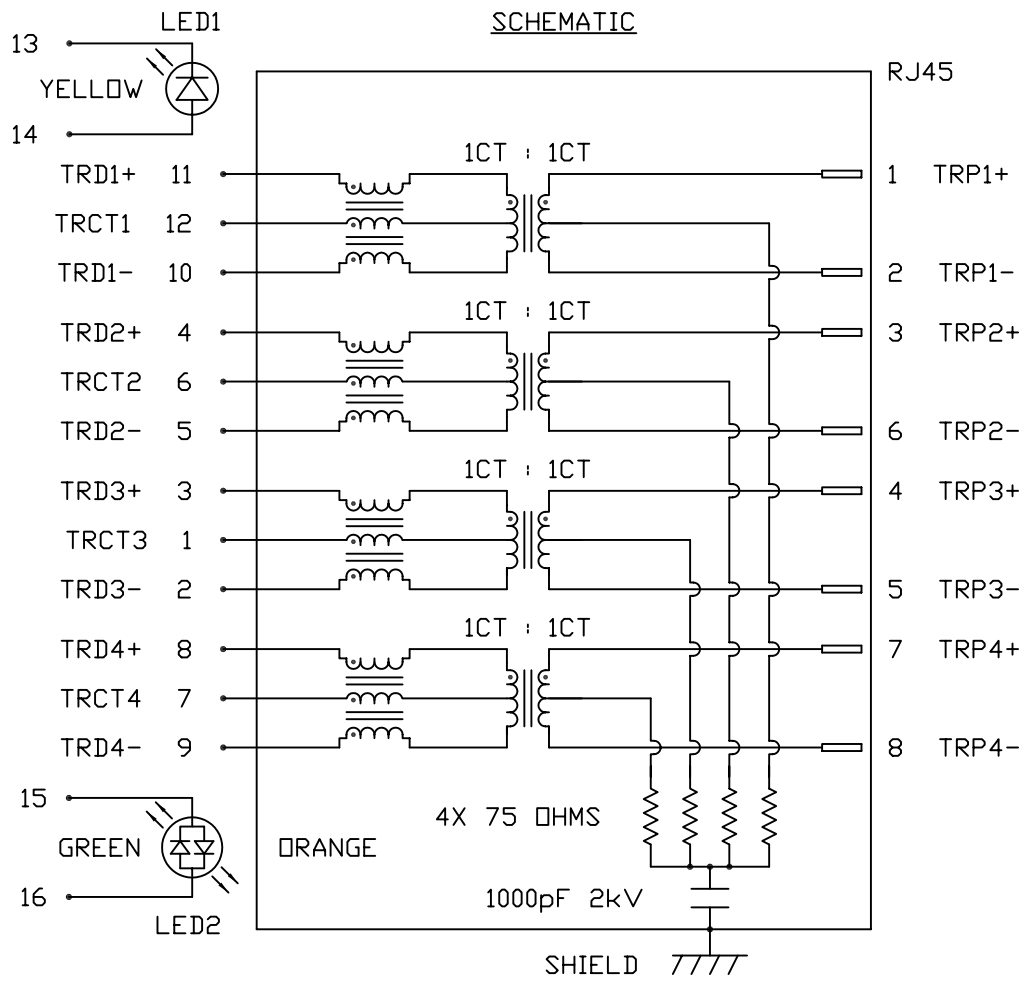
HIPOT (Isolation Voltage):

LED1 1500 Vrms

VF (FORWARD VOLTAGE)	IF=20mA	YELLOW	2.1V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA	YELLOW	590nm TYP.

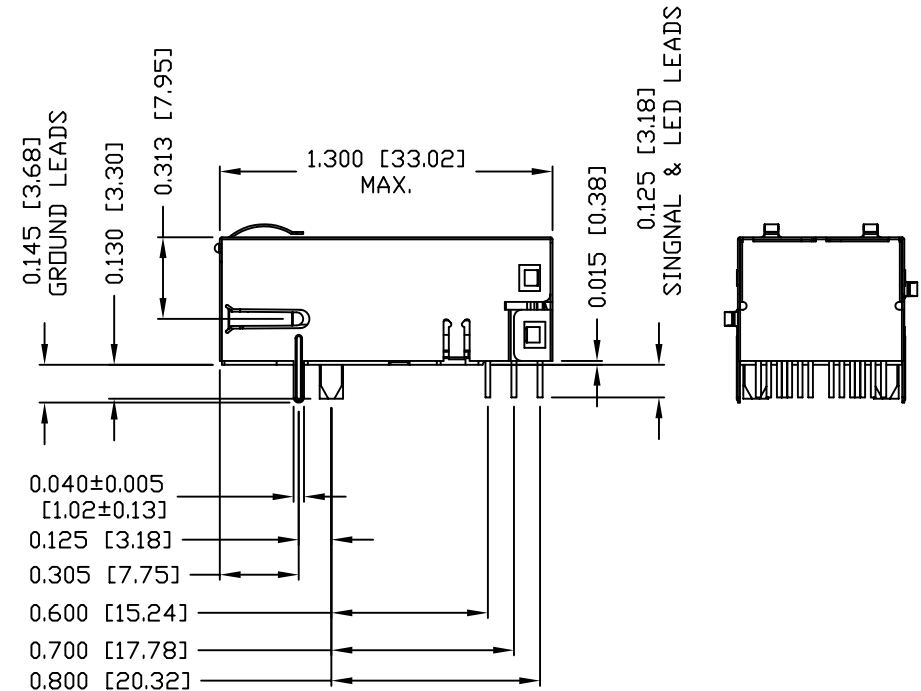
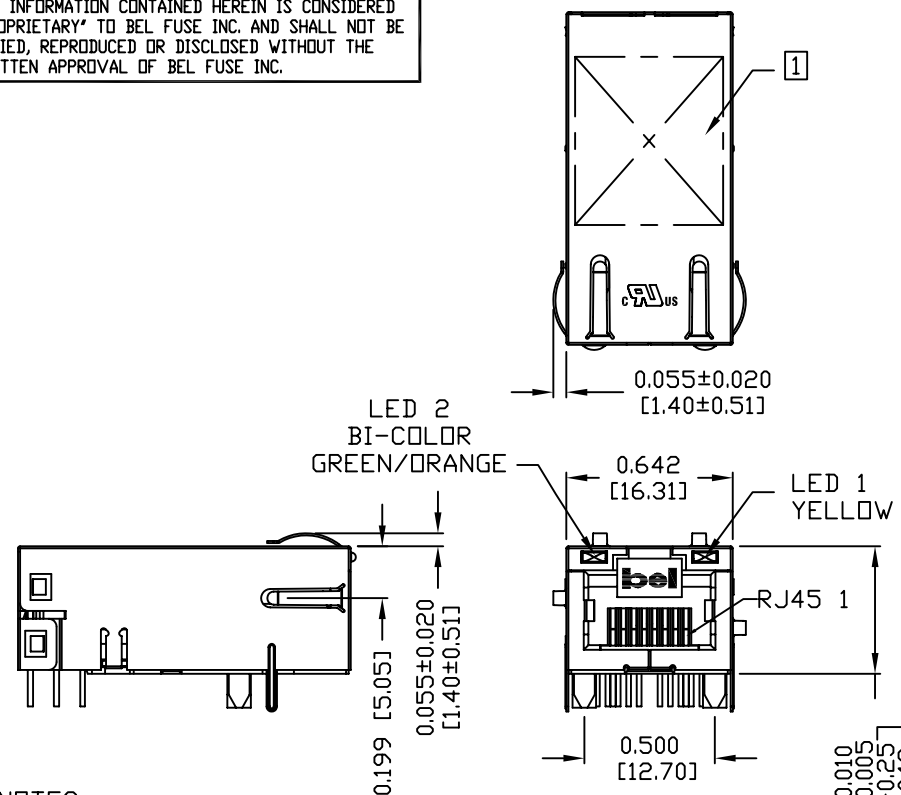
LED2

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	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	
CHUNG	11-25-05	gigabit MagJack® (8 cores, Tab Up) L826-1X1T-43-F	L8261X1T43-F	TOL. IN INCH	UNIT : INCH [mm]	REV. : B
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4
DE	11-25-05		L8261X1T43-FB.DWG	.XX .XXX	PAGE : 2	





NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0
CONTACTS PLATING: 50 MICRO-INCH HARD GOLD PLATING
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; DATE CODE.

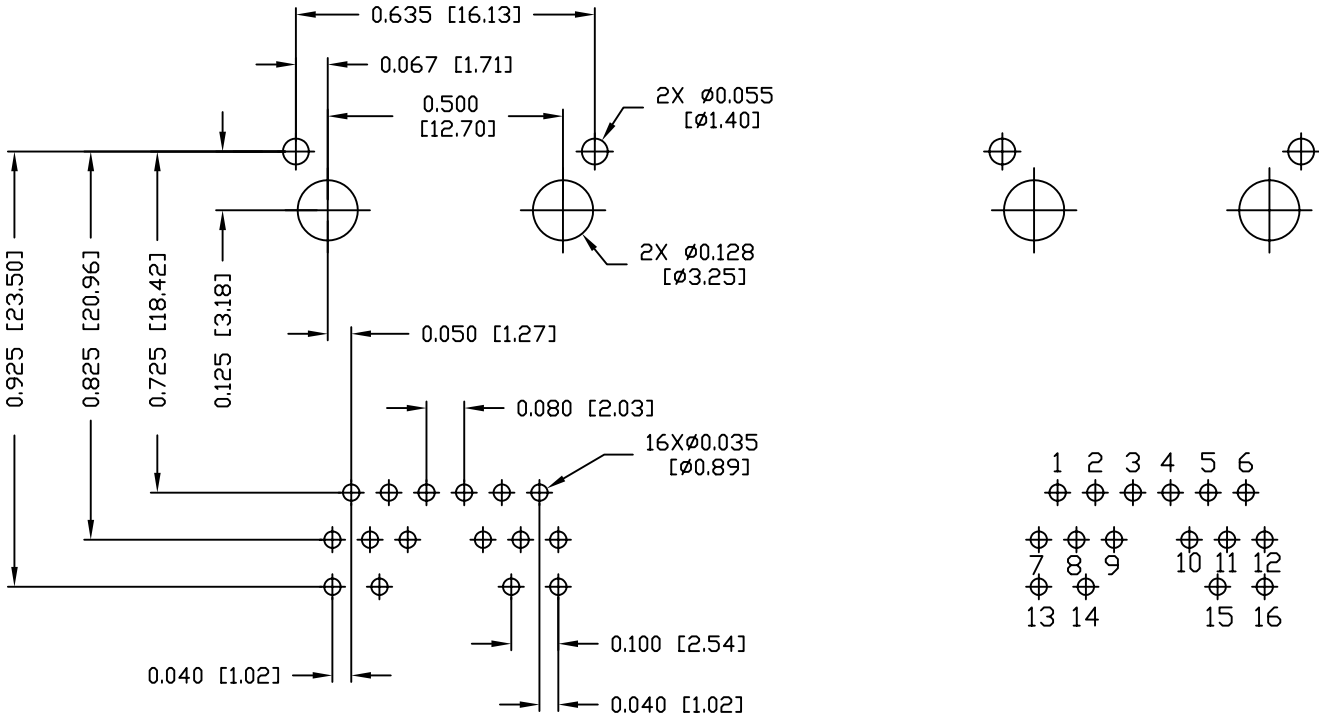
UL US UL RECOGNIZED - FILE #E196366 AND E169987.

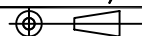
2. RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
QIN/BILL	11-25-05	gigabit MagJack® (8 cores, Tab Up) L826-1X1T-43-F	L8261X1T43-F	.X	UNIT : INCH [mm] REV. : B
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A SIZE : A4
TING	11-25-05		L8261X1T43-FB.DWG	.XXX ±0.010	PAGE : 3

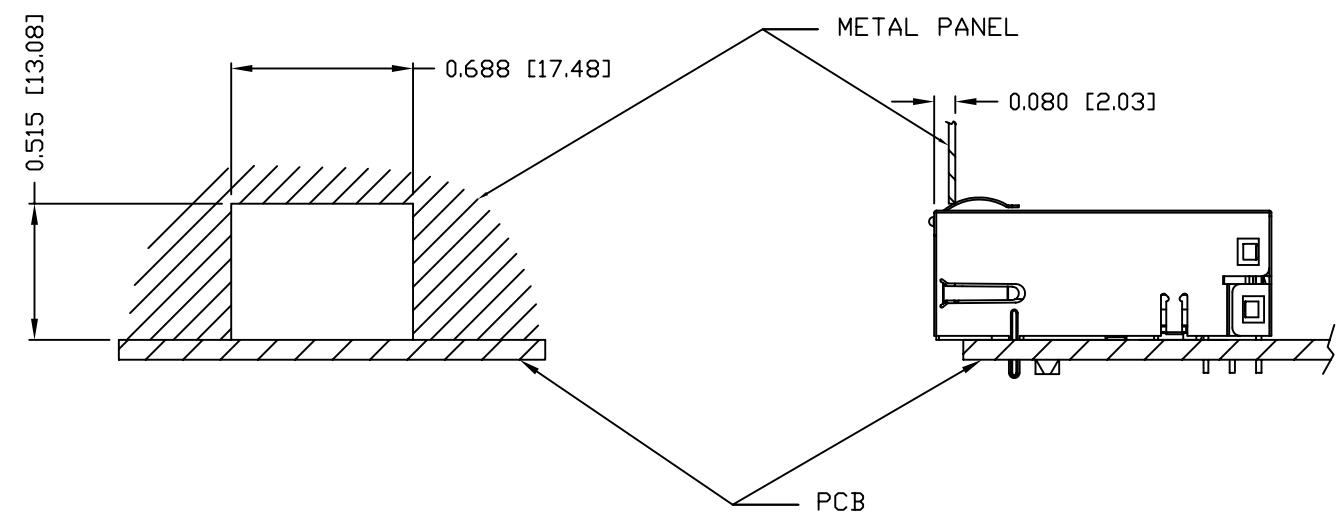
RECOMMENDED PCB FOOTPRINT

(COMPONENT SIDE VIEW)



ORIGINATED BY QIN/BILL	DATE 11-25-05	TITLE gigabit MagJack® (8 cores, Tab Up) L826-1X1T-43-F	PART NO. / DRAWING NO. L8261X1T43-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS CONNECTED PLANET
				.X	/	UNIT : INCH [mm]	REV. : B	
DRAWN BY TING	DATE 11-25-05		FILE NAME L8261X1T43-FB.DWG	.XX	/	SCALE : N/A	SIZE : A4	
				.XXX	±0.004		PAGE : 4	

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-D6 (TOP)

0200-9999-D7 (BOTTOM)

PACKING QUANTITY: 40 PCS FINISHED GOODS PER TRAY

11 TRAYS (440 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.		[] METRIC DIM. AS REFERENCE		
				TOL. IN INCH		UNIT : INCH [mm]	REV. : B	
QIN/BILL	11-25-05	gigabit MagJack® (8 cores, Tab Up) L826-1X1T-43-F	L8261X1T43-F	.X		SCALE : N/A	SIZE : A4	
DRAWN BY	DATE		FILE NAME	.XX				
TING	11-25-05		L8261X1T43-FB.DWG	.XXX	±0.004		PAGE : 5	