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

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TP1	1CT : 1CT $\pm 2\%$
TP2	1CT : 1CT $\pm 2\%$
TP3	1CT : 1CT $\pm 2\%$
TP4	1CT : 1CT $\pm 2\%$

DCL @ 100kHz/100mVRMS

8mA DC BIAS	350 μ H 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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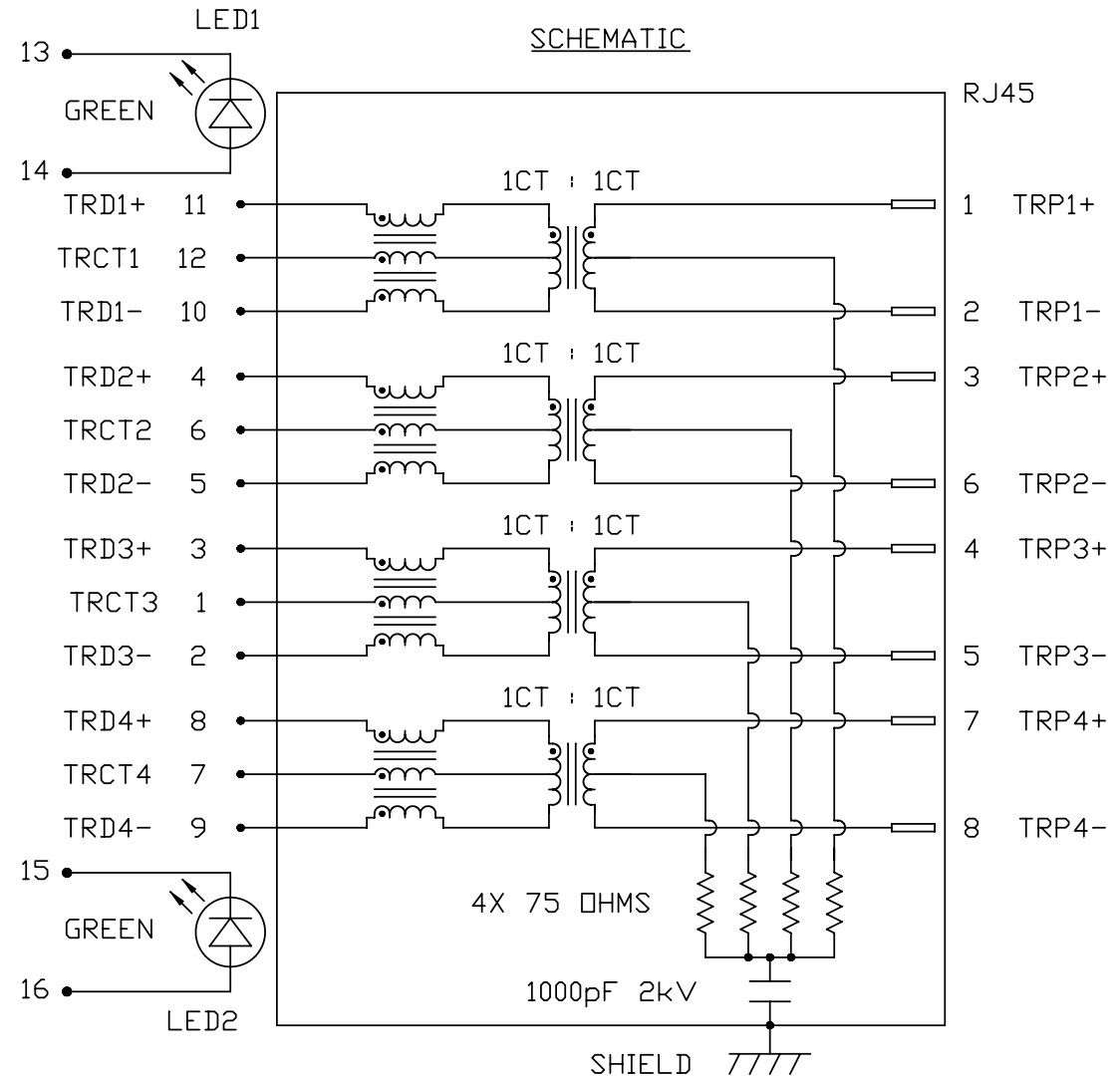
HIPOT (Isolation Voltage):

1500 Vrms

100% OF PRODUCTION TESTED TO COMPLY
WITH IEEE 802.3 ISOLATION REQUIREMENT

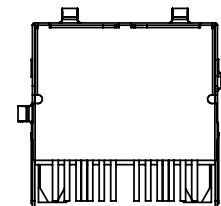
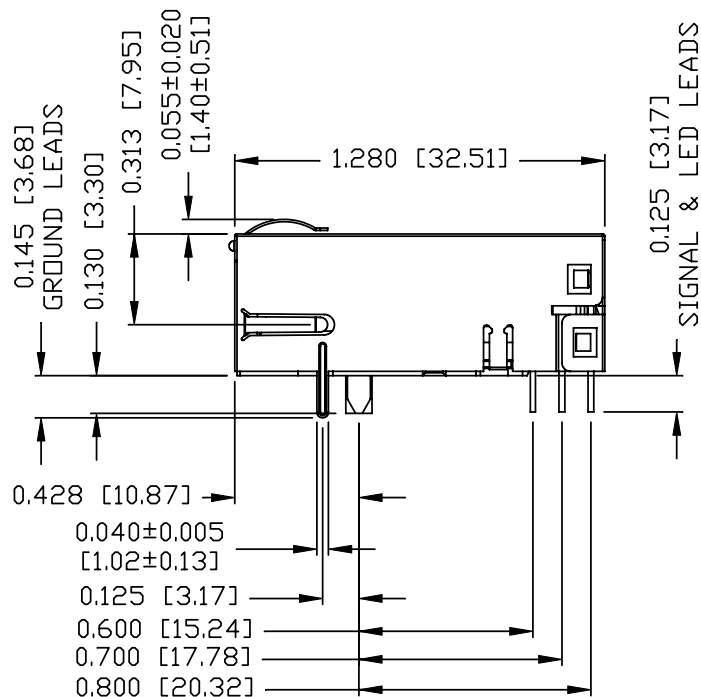
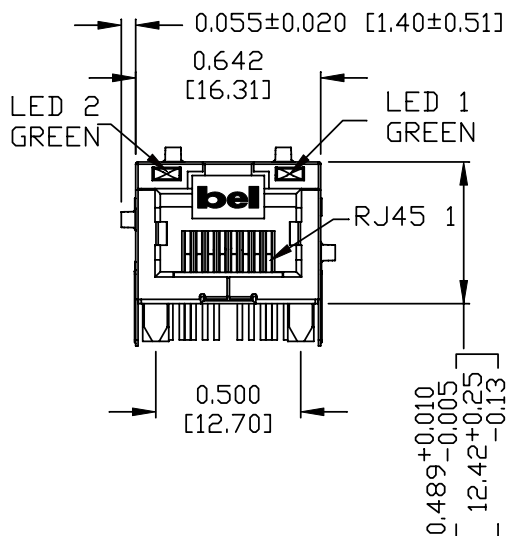
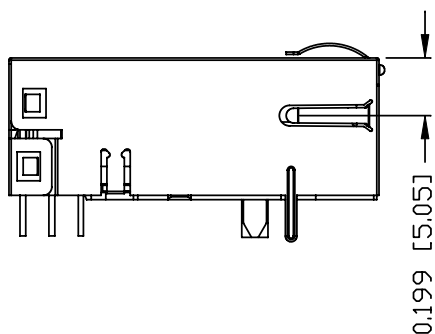
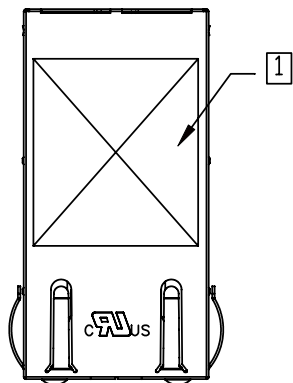
LED1 AND LED2

VF (FORWARD VOLTAGE)	IF=20mA GREEN	2.2V TYP.
λ D (DOMINANT WAVELENGTH)	IF=20mA GREEN	565nm TYP.



ORIGINATED BY	DATE	TITLE gigabit MagJack® (Low Profile, 12 cores)	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
CHOW WANGCHUNG	04-07-09		L826-1G1T-43	TOL. IN INCH		UNIT : INCH [mm]	REV. : A	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
LI YONGFENG	04-07-09		L826-1G1T-43_A.DWG	.XX			PAGE : 2	
			.XXX					

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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 DIPPING)

1. MARK PART WITH MFG. LOGO; MFG. NAME; PART NUMBER; DATE CODE.
2. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.
cULus UL RECOGNIZED - FILE #E196366 AND E169987.

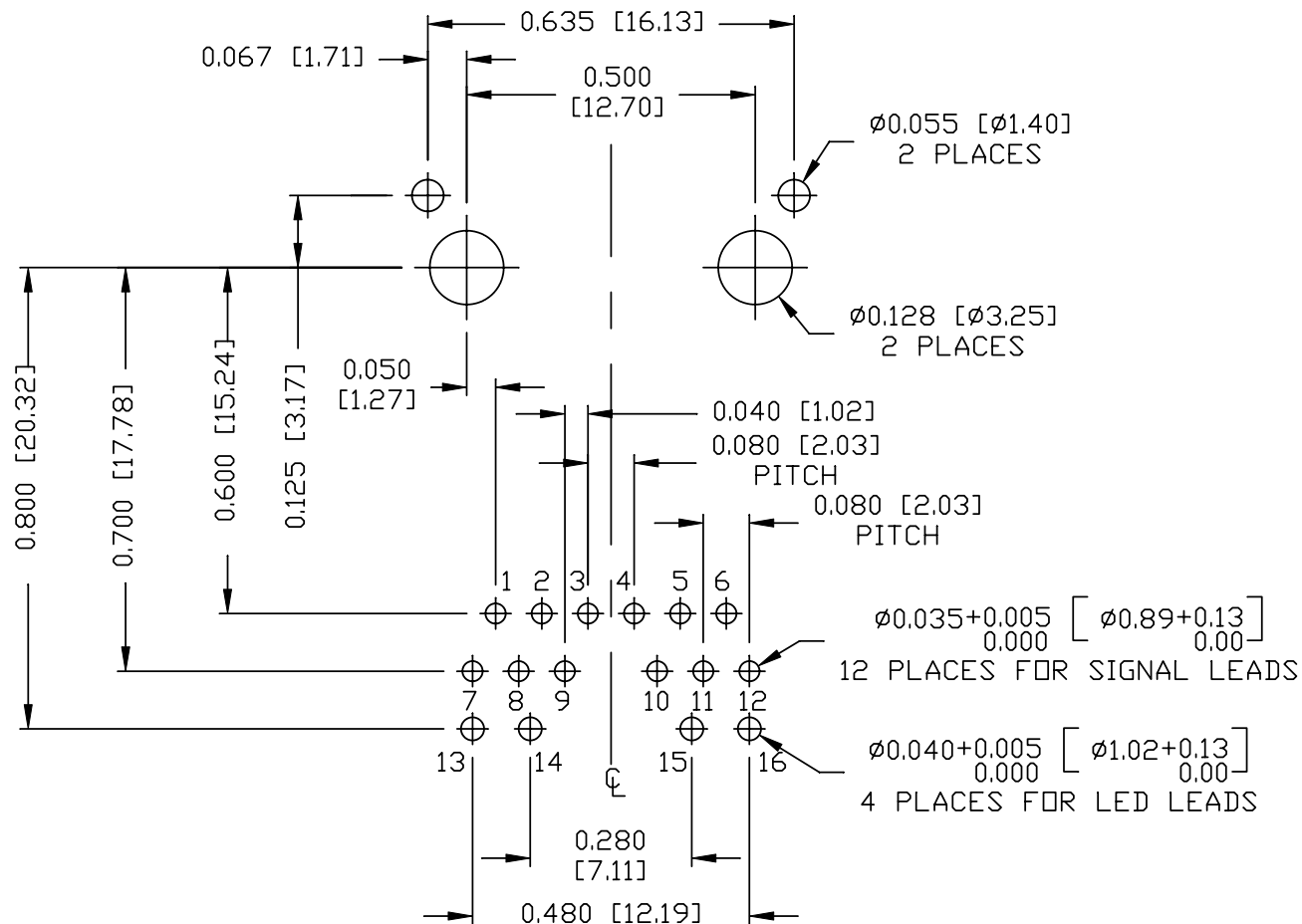
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
LIU QIN	04-07-09	gigabit MagJack® (Low Profile, 12 cores)	L826-1G1T-43	.X	UNIT : INCH [mm]
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A
XIAN JIAXIN	04-07-09		L826-1G1T-43_A.DWG	.XXX ±0.010	REV. : A SIZE : A4 PAGE : 3



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RECOMMENDED PCB FOOTPRINT

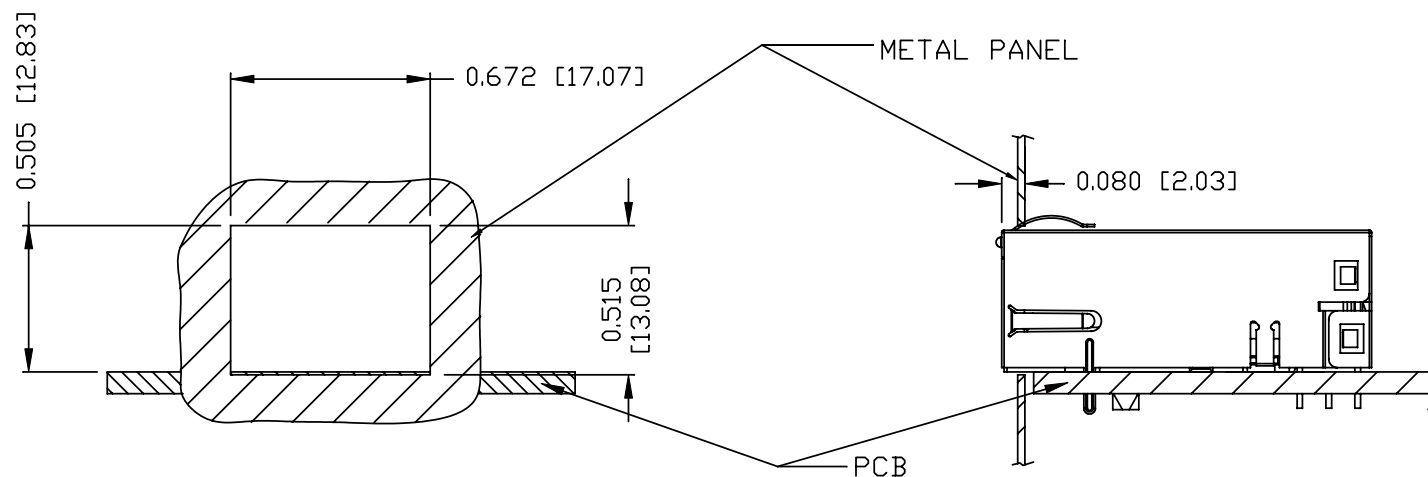
(COMPONENT SIDE VIEW)



ORIGINATED BY	DATE	TITLE gigabit MagJack® (Low Profile, 12 cores)	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET	
LIU QIN	04-07-09		L826-1G1T-43	TOL. IN INCH		UNIT : INCH [mm]			REV. : A
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A			SIZE : A4
XIAN JIAXIN	04-07-09		L826-1G1T-43_A.DWG	.XX					PAGE : 4
				.XXX	±0.004				

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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. : A
LIU QIN	04-07-09	gigabit MagJack® (Low Profile, 12 cores)	L826-1G1T-43	.X		SCALE : N/A	SIZE : A4
DRAWN BY	DATE		FILE NAME	.XX			PAGE : 5
XIAN JIAXIN	04-07-09		L826-1G1T-43_A.DWG	.XXX	±0.004		

