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RoHS
2002/95/EC



LED 1 POLARITY			LED 2 POLARITY		
PIN 13	PIN 14	COLOR	PIN 15	PIN 16	COLOR
-	+	GREEN	-	+	GREEN
+	-	YELLOW			

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

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

OCL @ 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):

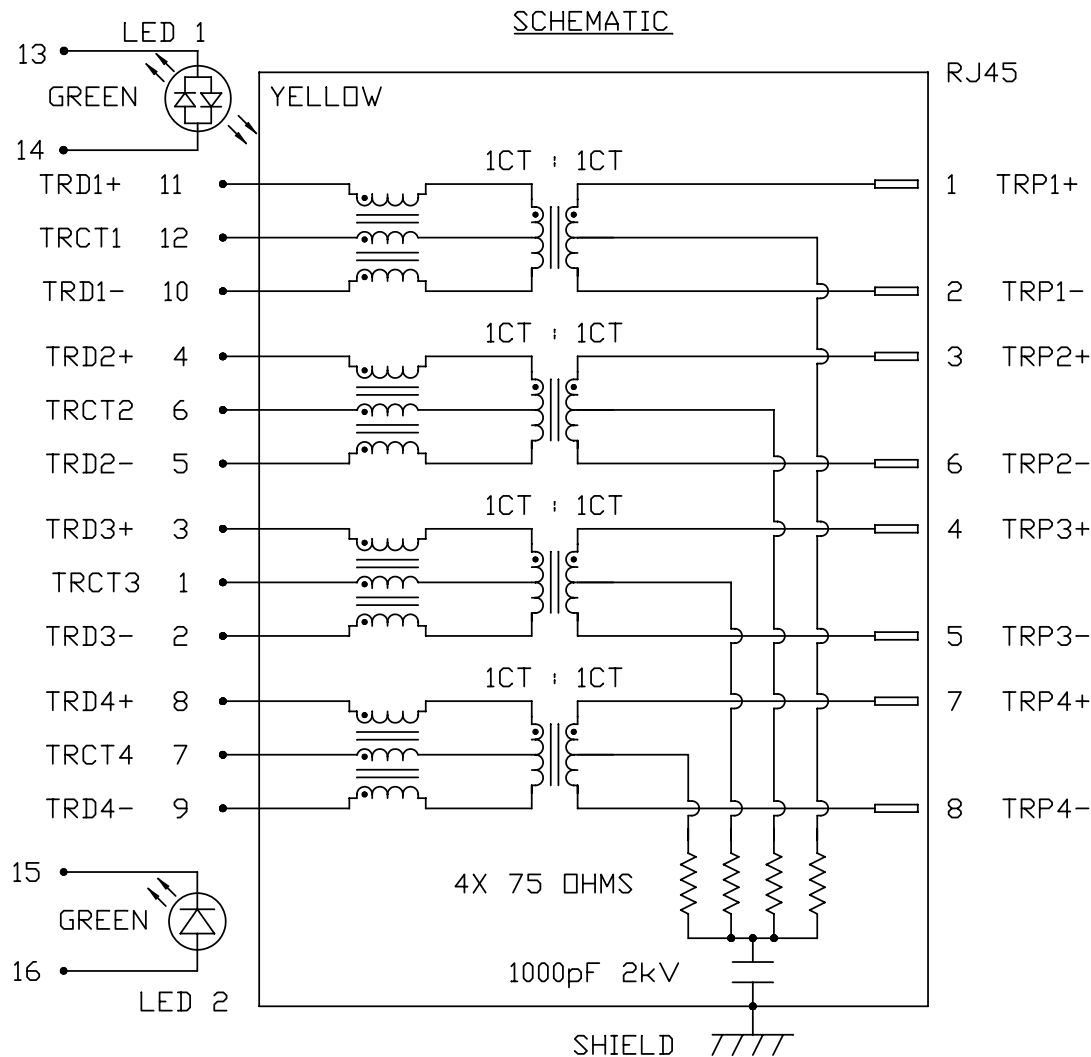
1500 Vrms or 2250VDC

LED 1

VF (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
		YELLOW	2.1V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA	GREEN	565nm TYP.
		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
CHOW WANCHUNG	05-26-10	gigabit MagJack® (8 cores, Tab Up)
DRAWN BY	DATE	
LEE WEIDE	05-26-10	

PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
L826-1L4T-43	.X .XX .XXX	UNIT : INCH [mm] REV. : C SCALE : N/A SIZE : A4 PAGE : 2
FILE NAME	L826-1L4T-43_C.DWG	

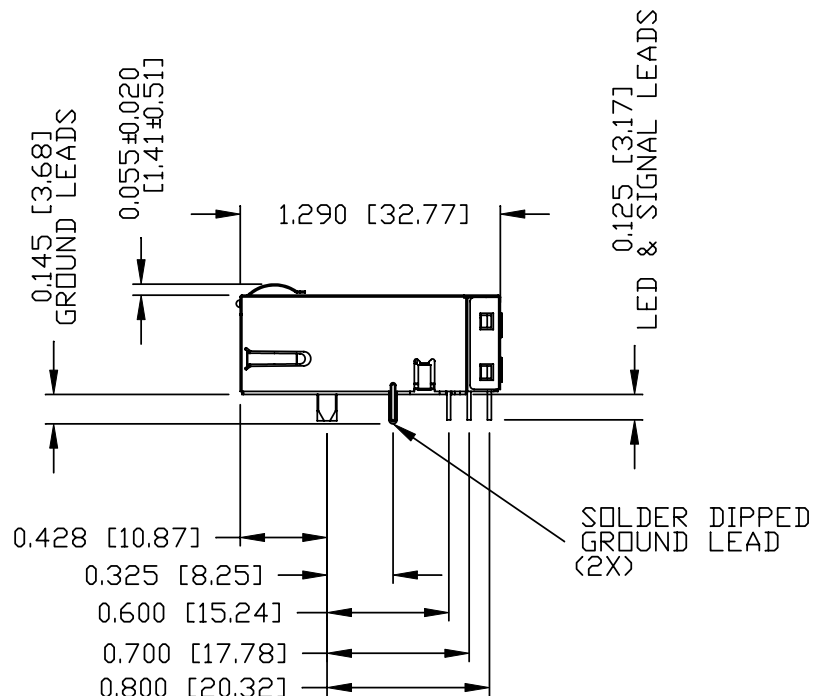
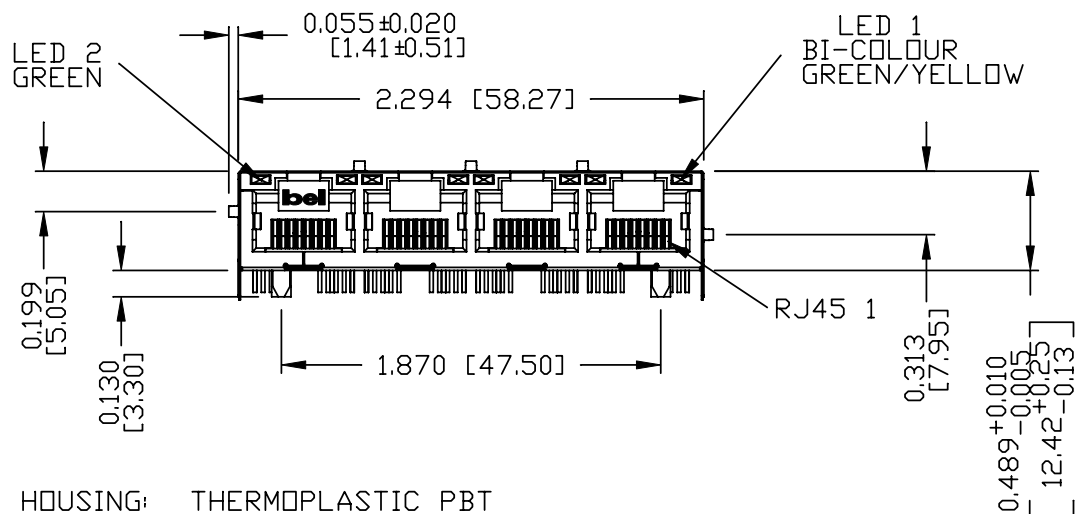
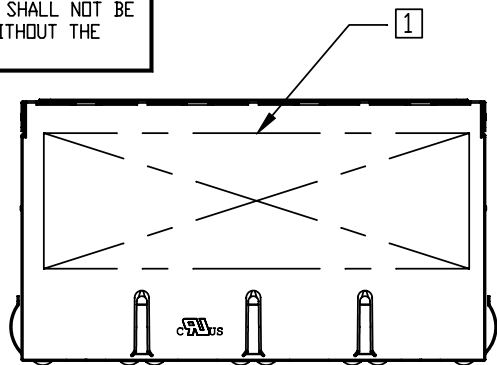
PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
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NOTES:

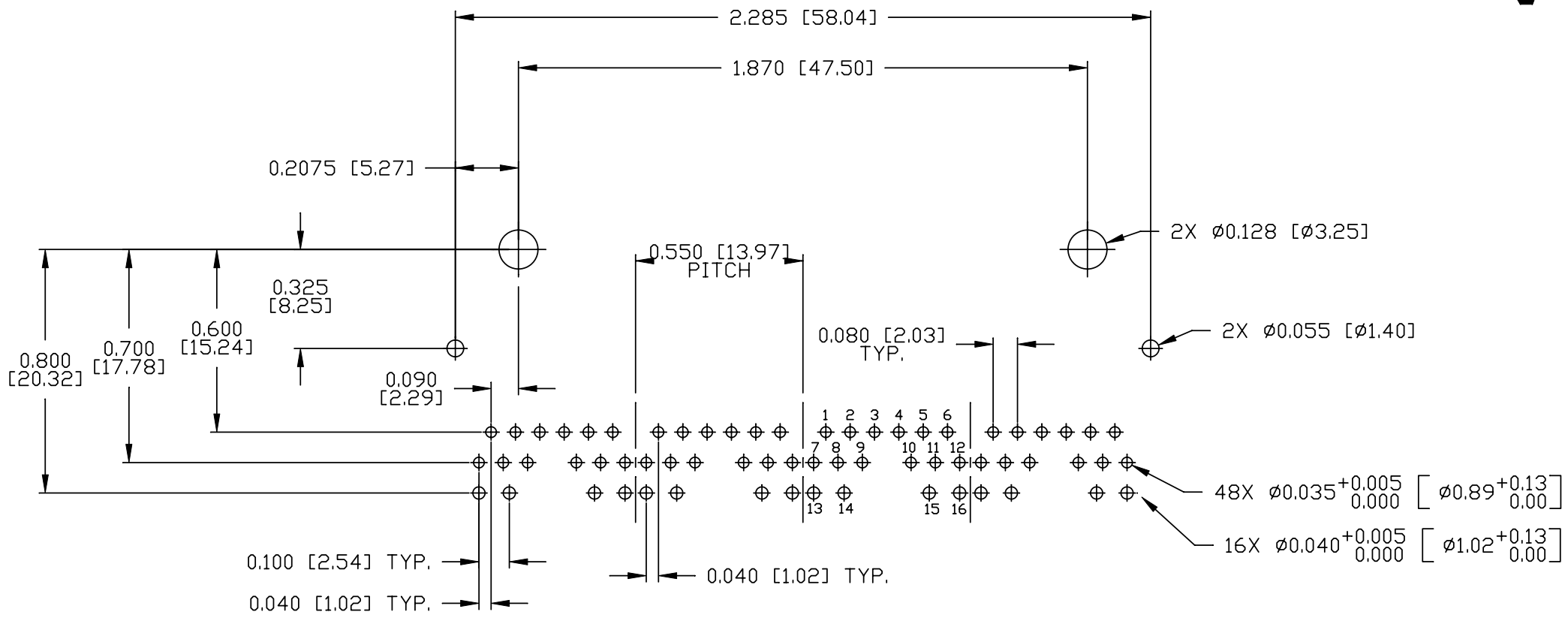
PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0
CONTACTS PLATING: 50 MICRO-INCH HARD GOLD PLATING
PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPING)

1] MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, DATE CODE AND PATENTED.

2. RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.
3. THE PRODUCT IS PATENT PRODUCT. THE PATENT NUMBER ARE U.S. PAT. 5,736,910 AND U.S. PAT. 7,123,117.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	 COMPONENTS FOR A CONNECTED PLANET	
ANTON LIAO	05-26-10	gigabit MagJack® (8 cores, Tab Up)	L826-1L4T-43	.X	UNIT : INCH [mm]		REV. : C
DRAWN BY	DATE			.XX	SCALE : N/A		SIZE : A4
SHAWN FENG	05-26-10	FILE NAME	L826-1L4T-43_C.DWG	.XXX ±0.010			PAGE : 3

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RECOMMENDED PCB FOOTPRINT
(COMPONENT SIDE VIEW)

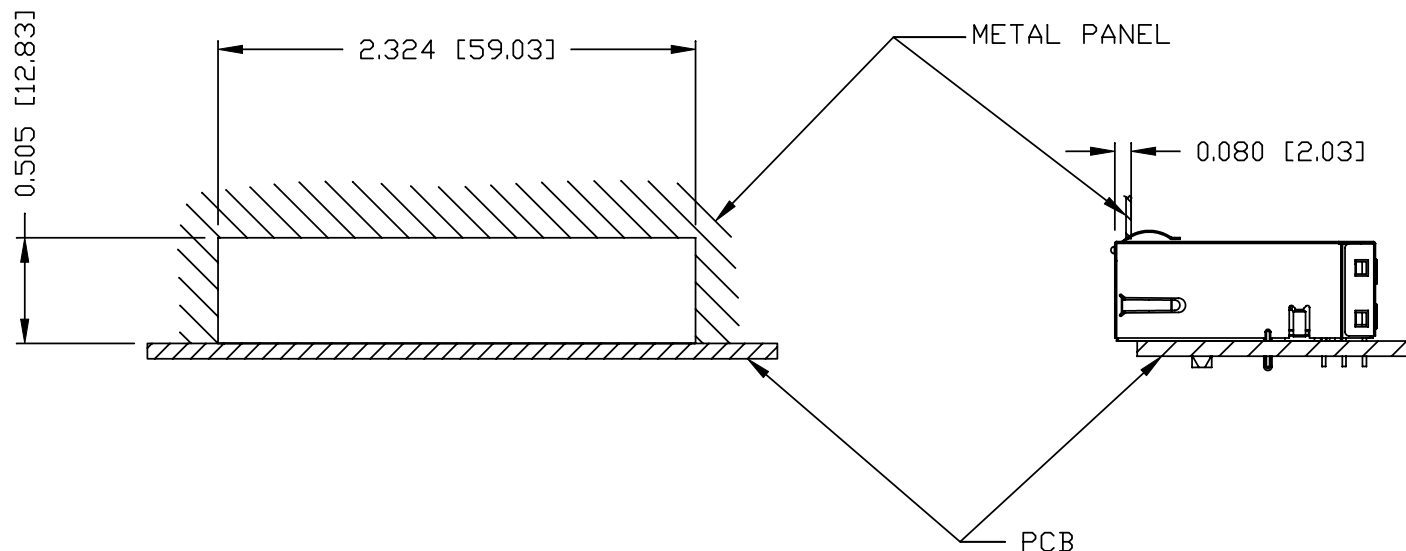
ORIGINATED BY ANTON LIAO	DATE 05-26-10	TITLE gigabit MagJack® (8 cores, Tab Up)	PART NO. / DRAWING NO. L826-1L4T-43	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE				
	DRAWN BY SHAWN FENG		DATE 05-26-10	FILE NAME L826-1L4T-43_C.DWG	.X .XX .XXX	±0.004	UNIT : INCH [mm]	REV. : C	SCALE : N/A
						PAGE : 4			

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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-D3 (TOP)
0200-9999-B5 (BOTTOM)

PACKING QUANTITY: 24 PCS FINISHED GOODS PER TRAY
10 TRAYS (240PCS FINISHED GOODS) PER CARTON BOX

REMARK: 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	bel
ANTON LIAO	05-26-10	gigabit MagJack® (8 cores, Tab Up)	L826-1L4T-43	.X	UNIT : INCH [mm]	
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A	SIZE : A4
SHAWN FENG	05-26-10		L826-1L4T-43_C.DWG	.XXX	±0.004	PAGE : 5