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

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

Cross Talk

Ch1-Ch2, Ch2-Ch3, Ch3-Ch4	
Ch4-Ch1, Ch2-Ch4, Ch3-Ch1	
1MHz - 30MHz	-37dB MIN
30MHz - 80MHz	-29dB MIN
80MHz - 100MHz	-28dB MIN

CM TO DM REJ

100kHz - 100MHz -35 dB MIN

HIPOT (Isolation Voltage):

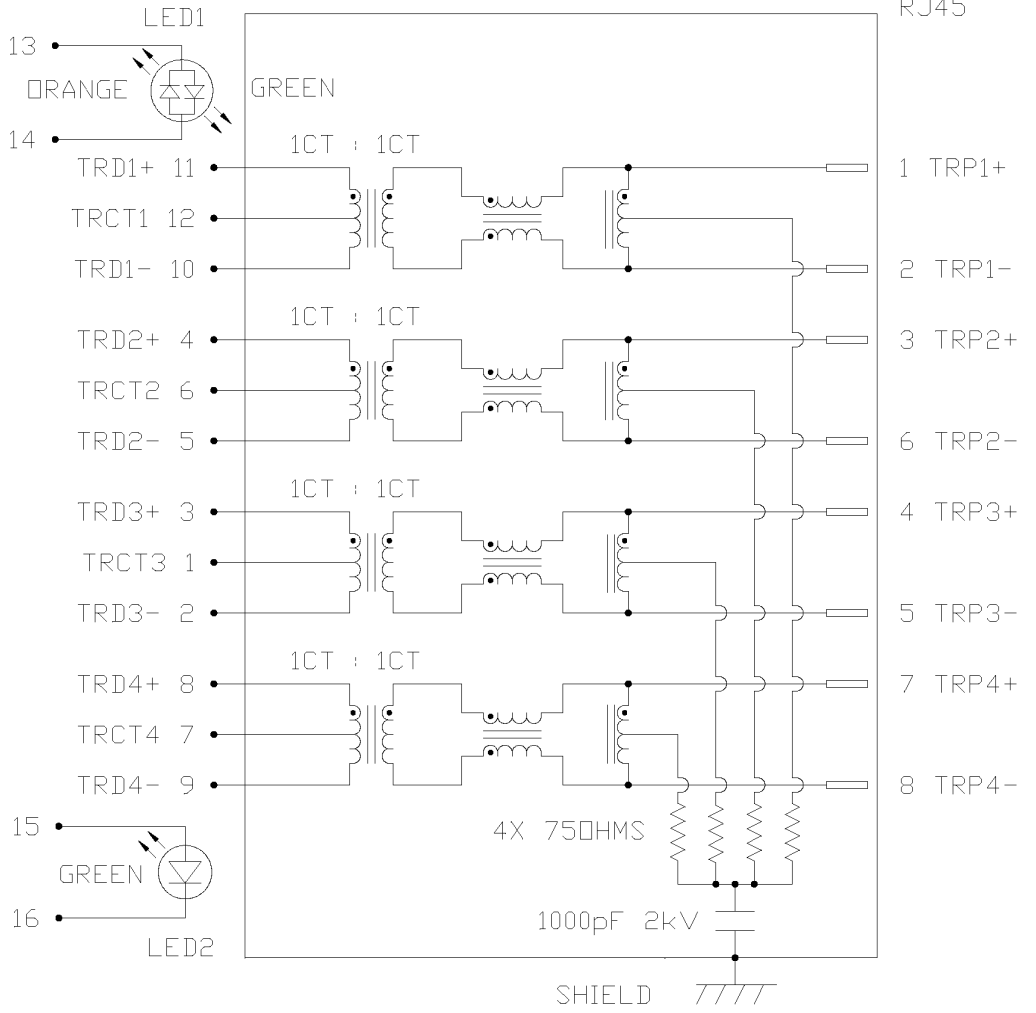
1500 Vrms or 2250VDC

LED 1

VF (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
		ORANGE	2.0V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA	GREEN	565nm TYP.
		ORANGE	610nm TYP.

LED 2

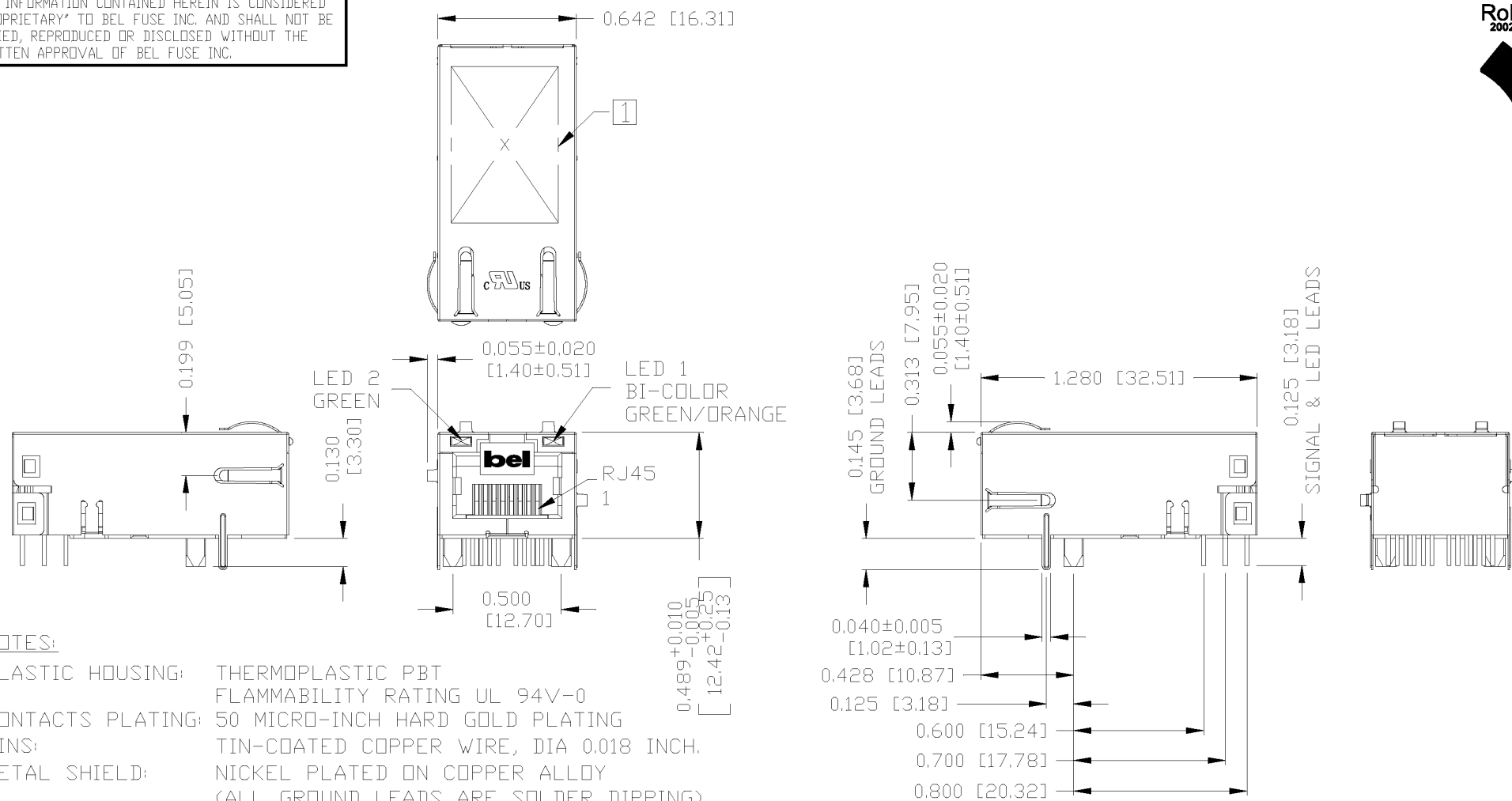
VF (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA	GREEN	565nm TYP.



ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	
CHUNG	01-05-07	gigabit MagJack® (12 cores, Tab Up) L826-1M1T-23-F	L8261M1T23-F FILE NAME L8261M1T23-FB.DWG	TOL. IN INCH	UNIT : INCH [mm]	REV. : B
DRAWN BY	DATE			.X	SCALE : N/A	SIZE : A4
DE	01-05-07			.XX .XXX		PAGE : 2



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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, AND DATE CODE.
 RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.

cULus UL RECOGNIZED - FILE #E196366 AND E169987.

JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE
BILL	01-05-07	glgabit MagJack®	L8261M1T23-F	TOL. IN INCH	UNIT : INCH [mm] REV. : B
DRAWN BY	DATE	(12 cores, Tab Up)	FILE NAME	.X	SCALE : N/A SIZE : A4
CHRIS	01-05-07	L826-1M1T-23-F	L8261M1T23-FB.DWG	.XX	PAGE : 3
				.XXX	±0.010

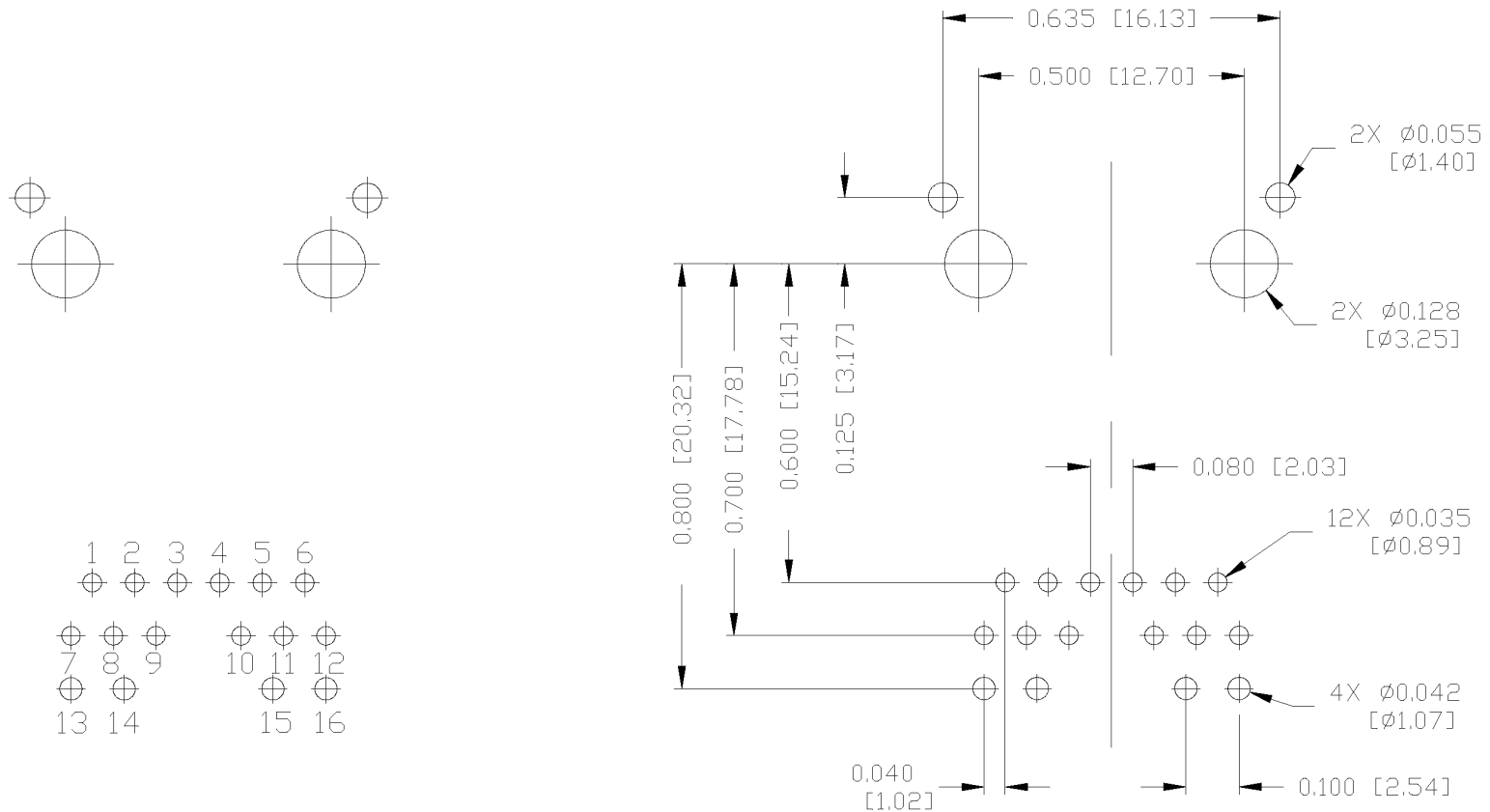


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2002/95/EC



RECOMMENDED PCB FOOTPRINT
(COMPONENT SIDE VIEW)



ORIGINATED BY	DATE	TITLE gigabit MagJack® (12 cores, Tab Up) L826-1M1T-23-F	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 bel COMPONENTS FOR A CONNECTED PLANET
BILL	01-05-07		L8261M1T23-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : B	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
CHRIS	01-05-07		L8261M1T23-FB.DWG	.XX		.XXX	 PAGE : 4	

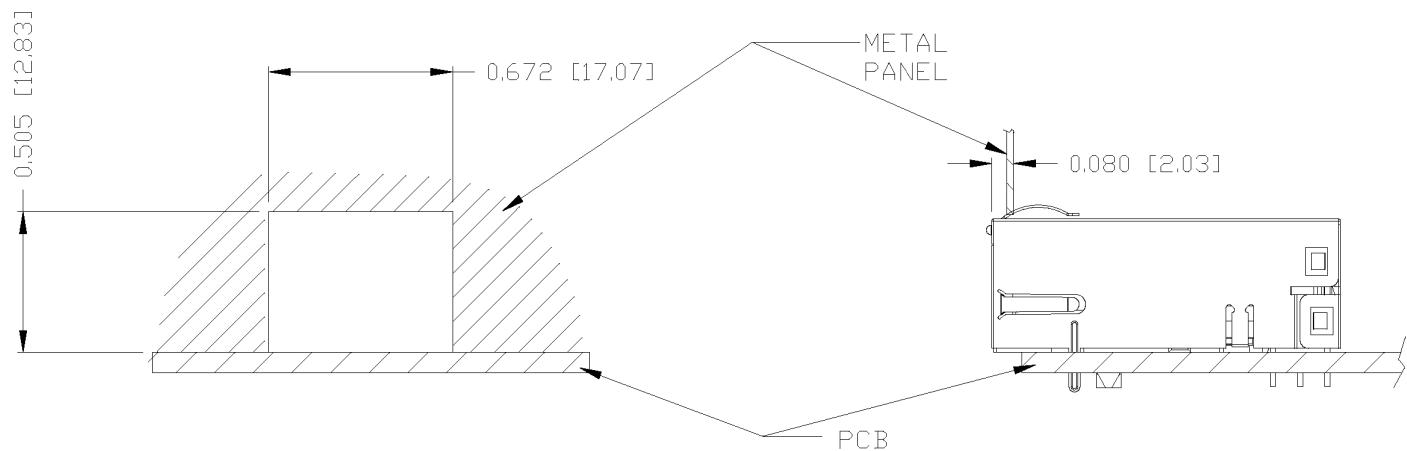


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SUGGESTED PANEL OPENING



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-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)

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BILL	01-05-07		FILE NAME L8261M1T23-FB.DWG	.X		UNIT : INCH [mm]	REV. : B	
DRAWN BY	DATE			.XX		SCALE : N/A	SIZE : A4	
CHRIS	01-05-07			.XXX	±0.004		PAGE : 5	