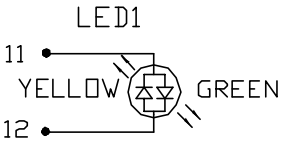


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LED1 POLARITY			LED2 POLARITY		
PIN 11	PIN 12	COLOR	PIN 13	PIN 14	COLOR
-	+	YELLOW	-	+	YELLOW
+	-	GREEN	+	-	GREEN



PRELIMINARY

RoHS
2002/95/EC



SCHEMATIC

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.
-------------	------------

DC RESISTANCE:

(RJ1-RJ2),(RJ3-RJ6)	1.2 ohms Max.
(RJ4-RJ5),(RJ7-RJ8)	1.2 ohms Max.

INS. LOSS

100KHz TO 100MHz	-1.1 dB MAX
------------------	-------------

RET. LOSS (MIN)

1MHz-30MHz	-18 dB
30MHz-100MHz	-12+20LOG(f/80MHz) dB

CROSS TALK:

1MHz - 60MHz	-35 dB MIN
60Hz - 100MHz	-25 dB MIN

CM TO CM REJ

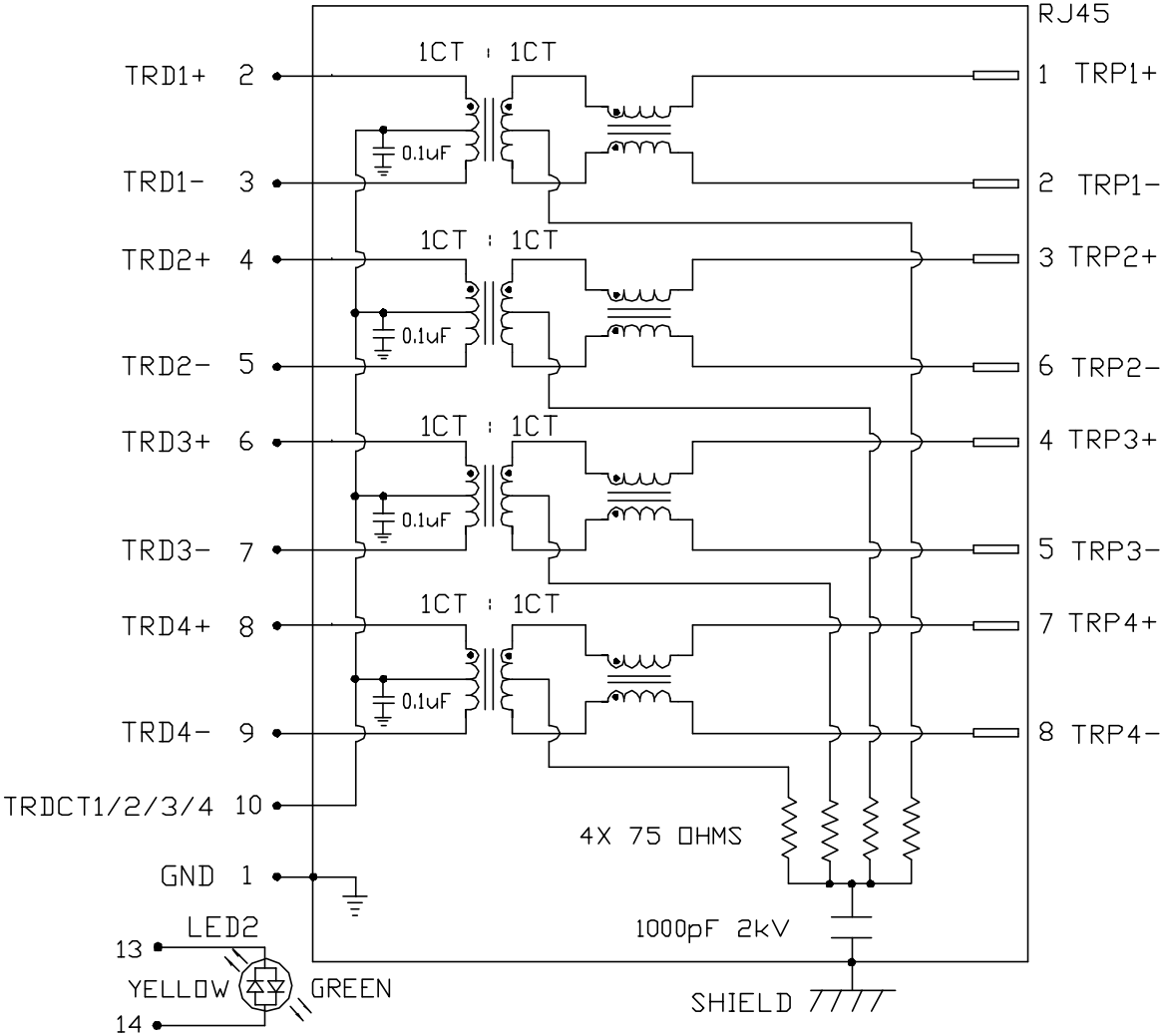
100kHz - 100MHz	-35 dB MIN
-----------------	------------

HIPOT (Isolation Voltage):

1500 Vrms or 2250VDC

LED 1 AND LED 2

VF (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
		YELLOW	2.1V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA	GREEN	565nm TYP.
		YELLOW	590nm TYP.

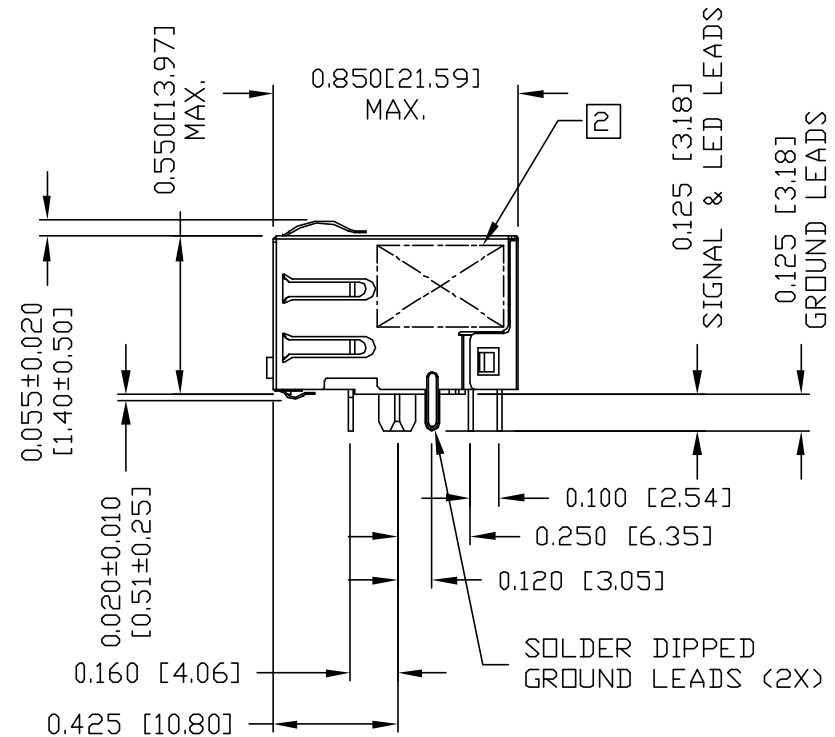
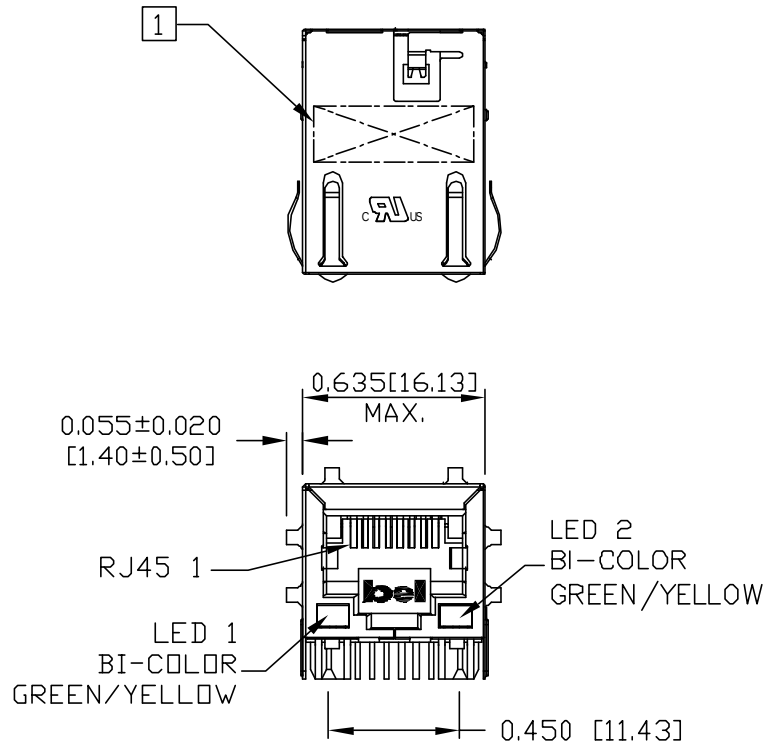


ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	
CHUNG	05-18-06	Gigabit MagJack®	SI-61008-F	TOL. IN INCH	UNIT : INCH [mm]	REV. : PA
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4
DE	05-18-06		SI61008FPA.DWG	.XX		PAGE : 2
				.XXX		



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PRELIMINARY



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 PART NUMBER(SI-61008-F), DATE CODE.

2 MARK PART WITH MFG LOGO, MFG NAME.

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

c us UL RECOGNIZED - FILE #E132408.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
BILL/KEUNG	05-18-06	Gigabit MagJack®	SI-61008-F	.X	UNIT : INCH [mm]	REV. : PA
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A	SIZE : A4
WEIGH	05-18-06		SI61008FPA.DWG	.XXX ±0.010		PAGE : 3





Technical drawing of a circular component, likely a fuse, showing 14 numbered features and various dimensions. The drawing includes a central vertical dashed line and a horizontal centerline. Dimensions are provided in inches and millimeters (in brackets).

Dimensions:

- 0.080 [2.04] (Horizontal distance from left edge to feature 1)
- 0.050 [1.27] (Horizontal distance from feature 7 to feature 9)
- 0.100 [2.54] (Vertical distance from feature 9 to the horizontal centerline)
- 0.225 [5.71] (Horizontal distance from feature 1 to the central vertical dashed line)
- 0.225 [5.71] (Horizontal distance from the central vertical dashed line to feature 13)
- 0.064 [1.62] (Horizontal distance from left edge to feature 11)
- 0.322 [8.18] (Horizontal distance from feature 12 to feature 13)
- 0.450 [11.43] (Horizontal distance from feature 11 to feature 13)
- 0.522 [13.26] (Horizontal distance from left edge to feature 14)
- 0.120 [3.05] (Vertical distance from feature 14 to the horizontal centerline)
- 0.250 [6.35] (Vertical distance from feature 14 to the right edge)
- 0.160 [4.07] (Vertical distance from the horizontal centerline to the right edge)

Feature Callouts:

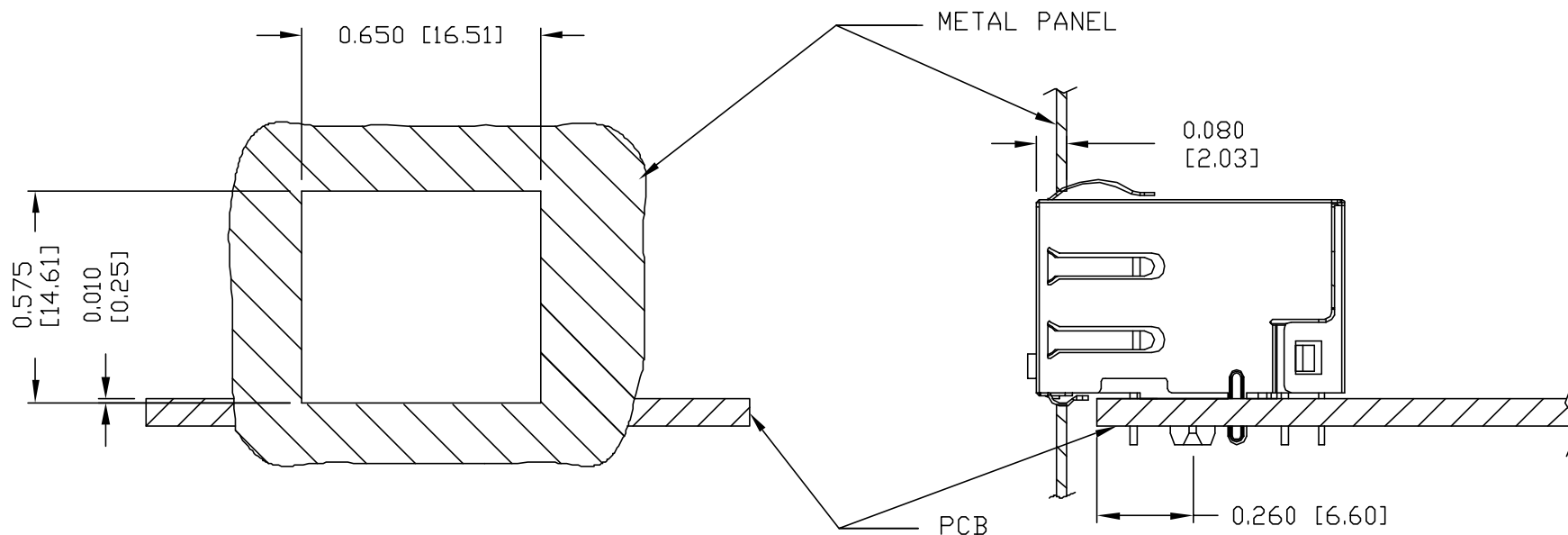
- 10X ϕ 0.035 [ϕ 0.89] (Pointing to feature 1)
- 2X ϕ 0.062 [ϕ 1.57] (Pointing to feature 11)
- 2X ϕ 0.128 [ϕ 3.25] (Pointing to feature 12)
- 4X ϕ 0.040 [ϕ 1.02] (Pointing to feature 14)

Other Labels:

- PRELIMINAR (Top right)
- FIG. 1 (Bottom center)

ORIGINATED BY	DATE	TITLE Gigabit MagJack®	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS ON A CONNECTED PLANET
BILL/KEUNG	05-18-06		SI-61008-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : PA	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
WEIGH	05-18-06		SI61008FPA.DWG	.XX		 	PAGE : 4	
			.XXX	±0.004				

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-Q7 (TOP)
0200-9999-Q8 (BOTTOM)

PACKING QUANTITY : 77 PCS FINISHED GOODS PER TRAY
10 TRAYS (770 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. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
BILL/KEUNG	05-18-06	Gigabit MagJack®	SI-61008-F	.X	UNIT : INCH [mm]	REV. : PA
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A	SIZE : A4
WEIGH	05-18-06		SI61008FPA.DWG	.XXX ±0.005	⊕ — — —	PAGE : 5