

LEI	01 POLAR	ITY	LED2 POLARITY				
PIN 13	PIN 14	COLOR	PIN 15 PIN 16 COLC				
_	+	GREEN	_	+	GREEN		

ELECTRICAL CHARACTERISTICS @ 25°C

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

OCL @ 100kHz/100mVRMS

8mA DC BIAS 350mH 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 $-12+20L\Box G(f/80MHz) dB$

CROSS TALK

100kHz - 100MHz - -33+20L0G(f/100MHz)dB MIN

CM TO CM REJ

100kHz - 100MHz - 30 dB MIN

CM TO DM REJ

100kHz - 100MHz -35 dB MIN

HIPOT (Isolation Voltage): 1500 Vrms or 2250VDC

LED 1 & 2

VF (FORWARD VOLTAGE) IF=20mA GREEN 2.2V TYP.

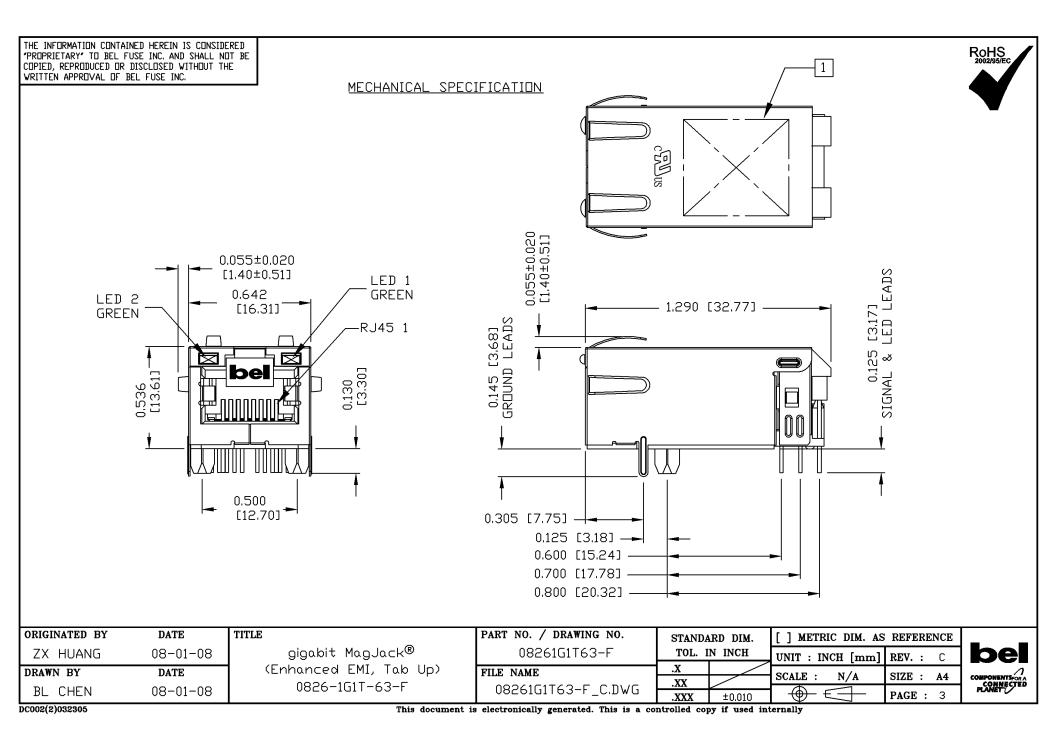
AD (DOMINANT WAVELENGTH) IF=20mA GREEN 565nm TYP.

13 • GREEN (Z)	<u>SCHEMATIC</u>	
14 •	RJ45	
TRD1+ 11 ← TRCT1 12 ←	1CT : 1CT — 1 TRP1+	
TRD1- 10 ←		
TRD2+ 4 ← TRCT2 6 ←	1CT : 1CT 3 TRP2+	
TRD2- 5 ←		
TRD3+ 3 ← TRCT3 1 ←	1CT : 1CT 4 TRP3+	
TRD3- 2 ←		
TRD4+ 8 ← TRCT4 7 ←	1CT : 1CT 7 TRP4+	
TRD4- 9 ←	8 TRP4-	
15 • GREEN	4X 75 DHMS }	
16 • LED2	1000pF 3kV	
2,	SHIELD 7777	

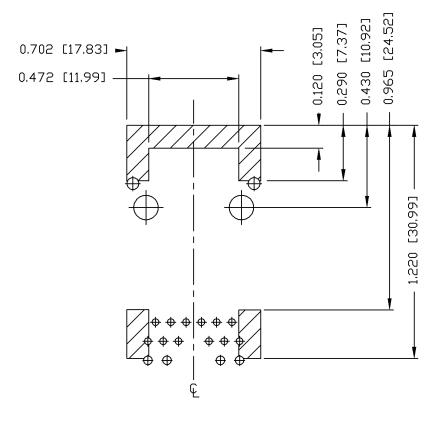
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDA	ARD DIM.	[] METRIC DIM. AS	REFERENCE	Γ
CHOW WANCHUN	G 08-01-08	gigabit MagJack®	08261G1T63-F	TOL. I	N INCH	UNIT : INCH [mm]	REV. : C	l
DRAWN BY	DATE	(Enhanced EMI, Tab Up)	FILE NAME	.X .XX		SCALE: N/A	SIZE: A4	l
LEE WEIDE	08-01-08	0826-1G1T-63-F	08261G1T63-F_C.DWG	.XXX		\oplus	PAGE: 2	İ
70000/0\00000		m-:- 1 :						_



LED1







NOTES

THE SHADED AREA ON THE CUSTOMER BOARD ARE RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR COMPONENT PAD.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STAND	ARD DIM.	[] METRIC DIM. AS	S REFERENCE
ZX HUANG	08-01-08	gigabit MagJack®	08261G1T63-F	TOL.	IN INCH	UNIT : INCH [mm]	REV. : C
DRAWN BY	DATE	(Enhanced EMI, Tab Up)	FILE NAME	.X .XX		SCALE: N/A	SIZE : A4
BL CHEN	08-01-08	0826-1G1T-63-F	08261G1T63-F_C.DWG	.XXX	±0.004		PAGE: 4

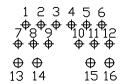


RECOMMENDED PCB FOOTPRINT COMPONENT SIDE VIEW



PINS ASSIGNMENT





NOTES:

PLASTIC HOUSING: THERMOPLASTIC PA

FLAMMABILITY RATING UL 94V-0

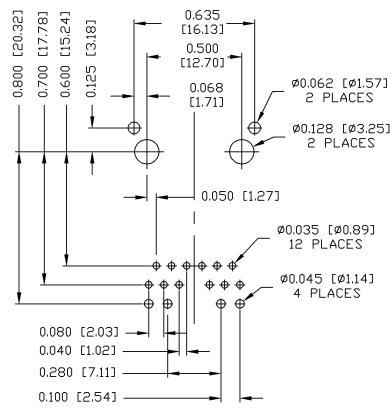
CONTACTS: 50 MICRO-INCH HARD GOLD PLATING

DUTPUT PINS: TIN-CDATED 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, AND DATE CODE.



c Nus ul recognized - file #e196366 and e169987.

2. Rohs compliance, per eu directive 2002/95/ec.

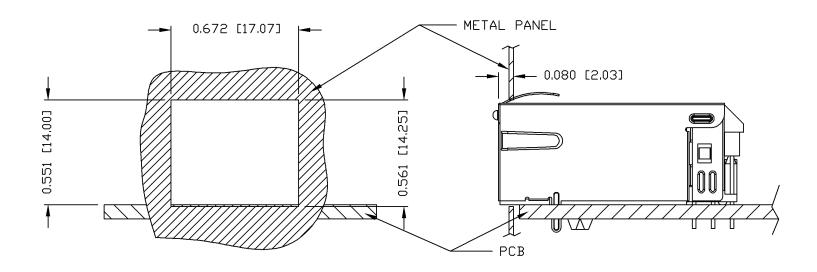
Jack cavity conforms to fcc rules and regulations.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		DIM. [] METRIC DIM. AS REFEREN		Γ_
ZX HUANG	08-01-08	gigabit MagJack®	08261G1T63-F	TOL. 1	N INCH	UNIT : INCH [mm]	REV. : C	
DRAWN BY	DATE	(Enhanced EMI, Tab Up)	FILE NAME	.х		SCALE: N/A	SIZE : A4	1 "
BL CHEN	08-01-08	0826-1G1T-63-F	08261G1T63-F_C.DWG	.XX				┨ ``
DL CHEN	00-01-00		00E0IdI103 1 _C;DWd	.XXX	±0.004		PAGE: 5	



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-F6 (TOP)

0200-9999-F7 (BOTTOM)

PACKING QUANTITY: 40 PCS FINISHED GOODS PER TRAY

10 TRAYS (400 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.	STANDA	ARD DIM.	[] METRIC DIM. AS	REFERENCE
ZX HUANG	08-01-08	gigabit MagJack®	08261G1T63-F	TOL. I	N INCH	UNIT : INCH [mm]	REV. : C
DRAWN BY	DATE	(Enhanced EMI, Tab Up)	FILE NAME	.X		SCALE: N/A	SIZE: A4
BL CHEN	08-01-08	0826-1G1T-63-F	08261G1T63-F_C.DWG	.XXX	±0.004	$\hspace{0.1cm} \hspace{0.1cm} \hspace$	PAGE: 6

