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LED1 POLARITY			LED2 POLARITY		
PIN 16	PIN 17	COLOR	PIN 18	PIN 19	COLOR
-	+	GREEN	-	+	YELLOW
			+	-	GREEN



ELECTRICAL CHARACTERISTICS @ 25°C

Turns Ratio	1CT : 1CT
TP1	1CT : 1CT
TP2	1CT : 1CT
TP3	1CT : 1CT
TP4	1CT : 1CT

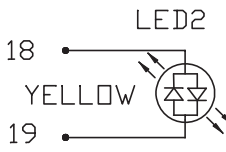
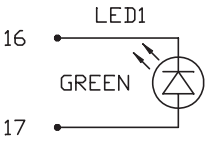
INS. LOSS (MAX)	
1MHz TO 20MHz	-0.8 dB
50MHz	-1.0 dB
200MHz	-1.2 dB
400MHz	-2.0 dB
500MHz	-3.0 dB

RET. LOSS (MIN) @ 100 OHMS	
1MHz	-18 dB
2MHz	-20 dB
10MHz	-20 dB
100MHz	-20 dB
200MHz	-18 dB
300MHz	-15 dB
400MHz	-10 dB
500MHz	-8 dB

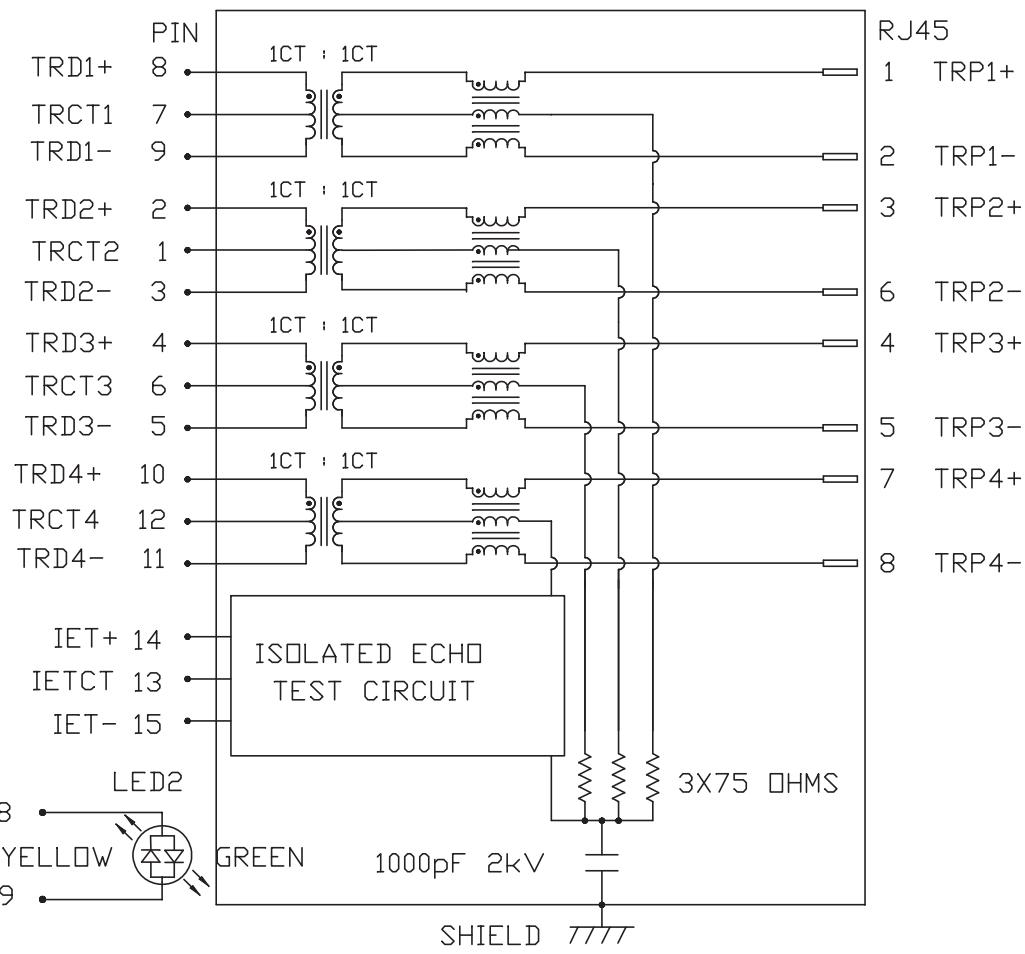
CM TO CM REJ	
1MHz - 500MHz	-25 dB MIN
CM TO DM REJ	
1MHz - 500MHz	-25 dB MIN

HIPOT (Isolation Voltage): 2250 VDC
100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS.

LED 1	
VF (FORWARD VOLTAGE)	IF=20mA GREEN 2.2V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA GREEN 570nm TYP.
LED 2	
VF (FORWARD VOLTAGE)	IF=20mA GREEN 2.2V TYP. YELLOW 2.1V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA GREEN 570nm TYP. YELLOW 590nm TYP.



SCHEMATIC



ORIGINATED BY	CHOW WANCHUNG
DATE	2015-07-08
DRAWN BY	HU XIANG
DATE	2015-07-08

TITLE	10 Gigabit MagJack® (Ultra Low Profile) PATENTED
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PART NO. / DRAWING NO.	G13-152T-038
FILE NAME	G13-152T-038_E.DWG

STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REF.
.X	UNIT : INCH [mm]
.XX	SCALE : N/A
.XXX	SIZE : A4

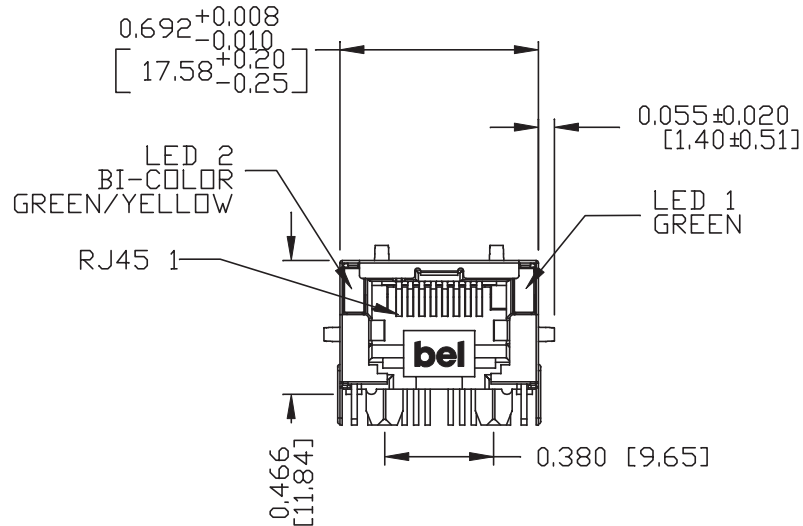
REV. : E PAGE : 2

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MECHANICAL SPECIFICATION

RoHS



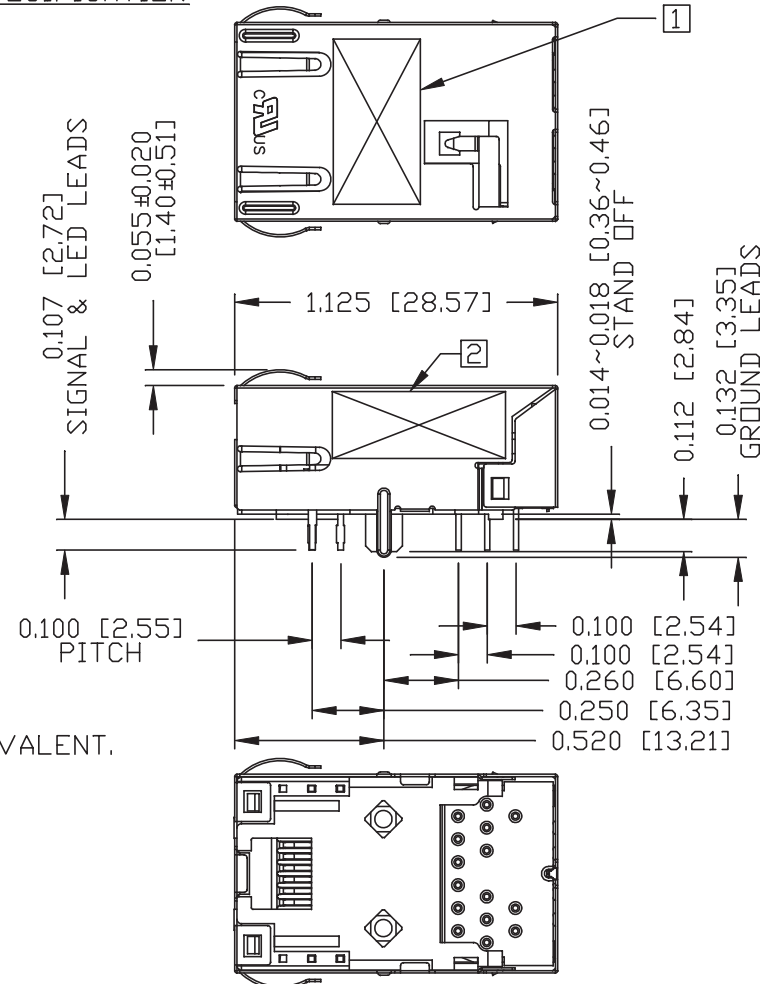
NOTES:

PLASTIC HOUSING: THERMOPLASTIC PA.
FLAMMABILITY RATING UL 94V-0
CONTACTS: 50 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.
OUTPUT 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 PART NUMBER AND DATE CODE
2. MARK PART WITH MFG. LOGO AND MFG. NAME.
3. "PATENTED" MARKING, THE PRODUCT IS PATENTED.
THE PATENT NUMBER ARE U.S. PAT. 7,429,195
AND U.S. PAT. 5,736,910 AND U.S. PAT. 6,840,817
AND U.S. PAT. 7,123,117 AND U.S. PAT. 7,924,130.

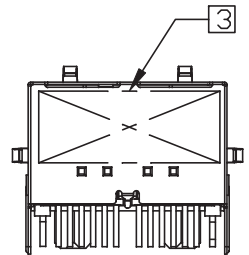
UL RECOGNIZED - FILE #E169987.

4. THE PRODUCT IS RoHS COMPLIANT & HALOGEN FREE.



5. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.

6. THE AXIAL RETENTION FORCE OF RJ PORT IS 15LBS MIN.



ORIGINATED BY
ANTON LIAO
DATE 2015-07-08

DRAWN BY
JESSE LI
DATE 2015-07-08

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TOL. IN INCH

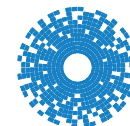
.X
.XX
.XXX

[] METRIC DIM.
AS REF.

UNIT : INCH [mm]
SCALE : N/A
SIZE : A4

REV. : E

PAGE : 3



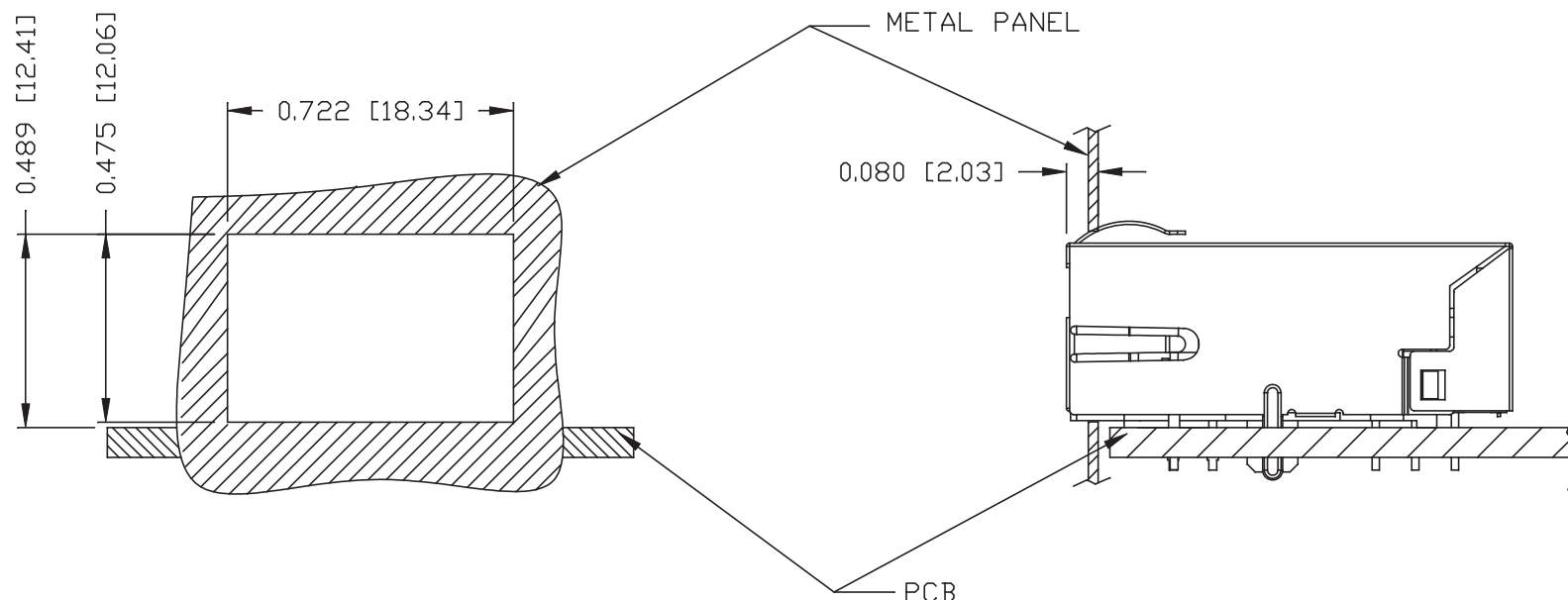
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SOLUTIONS
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RoHS



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.

TRAY PACKING INFORMATION

PACKING TRAY : 0200M9999-C6 (TOP)

0200M9999-C7 (BOTTOM)

PACKING QUANTITY : 50 PCS FINISHED GOODS PER TRAY

10 TRAYS (500 PCS FINISHED GOODS) PER CARTON BOX

NOTE : CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX

(INCLUDE THE UPPERMOST AND LOWERMOST TRAY)

REV. : E PAGE : 5

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.XXX	±0.004	SIZE : A4

