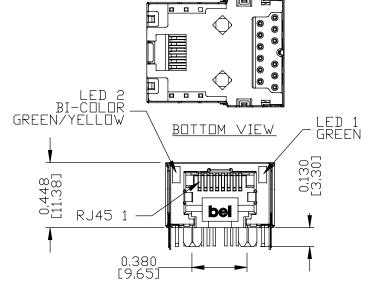


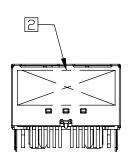
MECHANICAL SPECIFICATION

0.557 [14.15] REF.





0.100 [2.54] PITCH 0.100 [2.54] 0.260 [6.60] 0.350 [8.89] 0.520 [13.21]



NOTES:

PLASTIC HOUSING: THERMOPLASTIC PA, BLACK.

FLAMMABILITY RATING UL 94V-0

CONTACTS: 50 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.

DUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.

100 MICRO-INCH MIN MATTE TIN, PINS

ARE SOLDER DIPPED.

METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.

(ALL GROUND LEADS ARE SOLDER DIPPED)

- 1. MARK PART WITH PART NUMBER (G10-1GHN-012E), DATE CODE AND PATENTED.
- 2 MARK PART WITH MFG. LOGO, MFG. NAME ON BACK VIEW.
- 3, THE PRODUCT IS ROHS COMPLIANT AND HALOGEN FREE, JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS,

c **Tu**s ul recognized – file #e169987.

- 4. THE PRODUCT IS PATENT PRODUCT, THE PATENT NUMBER ARE U.S. PAT. 7,429,195 & U.S. PAT. 7,123,117
 - & U.S. PAT. 6,840,817 AND U.S. PAT. 7,924,130.
- 5. THE AXIAL RETENTION FORCE OF RJ PORT IS 15LBS MIN.
- 6. THE PART IS RECOMMENDED FOR WAVE SOLDERING. THE SUGGESTED PEAK WAVE SOLDERING CONDITION IS 260°C MAX AND 10 SECONDS MAX.

 REV.: B PAGE: 3

ORIGINATED BY TITLE PART NO. / DRAWING NO. [] METRIC DIM. STANDARD DIM. LI QUANKUN 10 Gigabit MagJack® AS REF. TOL. IN INCH G10-1GHN012E DATE 2017-03-15 (Ultra Low Profile) UNIT : INCH [mm] DRAWN BY FILE NAME G10-1GHN-012E SCALE: N/A ZHANG XUEZHENG .XX a bel group G10-1GHN012E_B.DWG PATENTED **DATE** 2017-03-15 \exists | size : A4 ±0,010

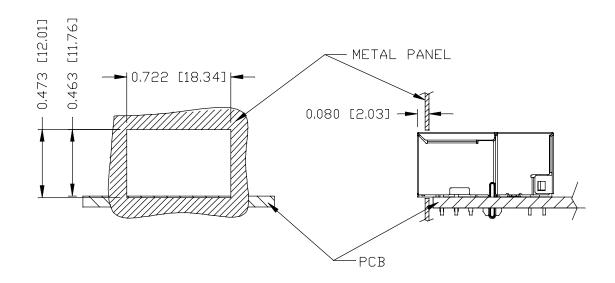
0,692 [17,58]

THE INFORMATION CONTAINED HEREIN IS CONSIDERED **RoHS** "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC. 74] RECOMMENDED PCB FOOTPRINT [?. KEEP DUT AREA COMPONENT SIDE VIEW 0.752 [19.10] -→ 0,692 [17,58] → 0.186 [4.72] **⊢**0,592 [15,04]**⊢** 531 0,260 [6,60] REF. \oplus [2] 5X Ø0.050 [Ø1.27] -⊕ 14 17 ⊕ (+**⊕** 13 16 ⊕ 15 ⊕ 591 0,380 [9,65] $\phi \phi \phi \phi \phi \phi \phi$ [13, REF, REF. 2X Ø0.062 [Ø1.57] 532 **-** 0,103 [2,62] 1 2 3 7 8 9 4 4 4 [5,08] 2X Ø0.128 [Ø3.24] [8,89] [5,34] [11,18] 541 10 11 [5,08] [1,65] 0.080 [2.03] [2, **→** 0,605 [15,37] 0,200 0,350 0,210 0,200 0,100 [9,14] [2,54] 0.040 [1.02] — THE SHADED AREA ON THE CUSTOMER BOARD ARE 0,080 [2,03] PITCH RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR 0,240 [6,10] COMPONENT PAD. FOR ONE UNIT В PAGE: REV. : ORIGINATED BY TITLE PART NO. / DRAWING NO. STANDARD DIM [] METRIC DIM. LI QUANKUN 10 Gigabit MagJack® AS REF. TOL. IN INCH G10-1GHN012E **DATE** 2017-03-15 MAGNETIC SOLUTIONS (Ultra Low Profile) UNIT : INCH [mm] DRAWN BY FILE NAME G10-1GHN-012E SCALE : N/A ZHANG XUEZHENG .XX a bel group G10-1GHN012E_B.DWG **DATE** 2017-03-15 PATENTED \exists | SIZE : A4 ±0.004

THE INFORMATION CONTAINED HEREIN IS CONSIDERED 'PROPRIETARY' TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.



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 : 0200-9999-E4 (TOP)

0200-9999-E5 (BOTTOM)

PACKING QUANTITY: 60 PCS FINISHED GOODS PER TRAY

11 TRAYS (660 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	TITLE	PART NO. / DRAWING NO.	STAND	ARD DIM.	[] METRIC DIM.
LI QUANKUN	10 Gigabit MagJack®	G10-1GHN012E		IN INCH	AS REF.
DATE 2017-03-15	(Ultra Low Profile)		v		UNIT : INCH [mm]
DRAWN BY	G10-1GHN-012E	FILE NAME	·A		
ZHANG XUEZHENG		C10 1CUNIO1OE D DV/C	.XX		SCALE : N/A
DATE 2017-03-15	PATENTED	G10-1GHN012E_B,DWG	.xxx	±0,004	SIZE : A4

