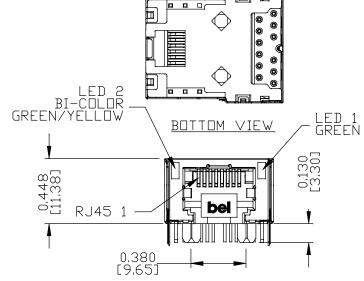




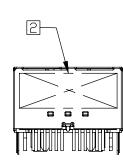
## MECHANICAL SPECIFICATION

0.557 [14.15] REF.





0.100 [2.54] PITCH - 0,100 [2,54] 0.260 [6.60] PLASTIC HOUSING: THERMOPLASTIC PA, BLACK. 0.350 [8.89] FLAMMABILITY RATING UL 94V-0 0,520 [13,21]



NOTES:

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,

UL RECOGNIZED - FILE #E169987.

0.945 [24.00]

4. THE PRODUCT IS PATENT PRODUCT. THE PATENT NUMBER ARE U.S. PAT. 7,429,195 & U.S. PAT. 7,123,117

0,125 [ SIGNAL& LE

- & 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. : 3 PAGE: 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

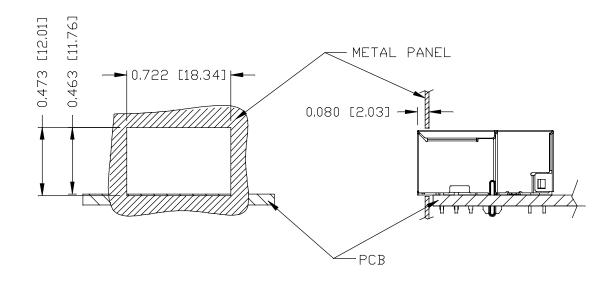
0,692 [17,58]

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

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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.

## 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	
DATE 2017-03-15	(Ultra Low Profile)		X		UNIT : INCH [mm]
DRAWN BY Zhang Xufzheng	G10-1GHN-012E	FILE NAME	.XX		SCALE : N/A
DATE 2017-03-15	PATENTED	G10-1GHN012E_B.DWG	.xxx	±0,004	SIZE : A4

PAGE: 5

PAGE: 5

MAGNETIC SOLUTIONS
a bel group