



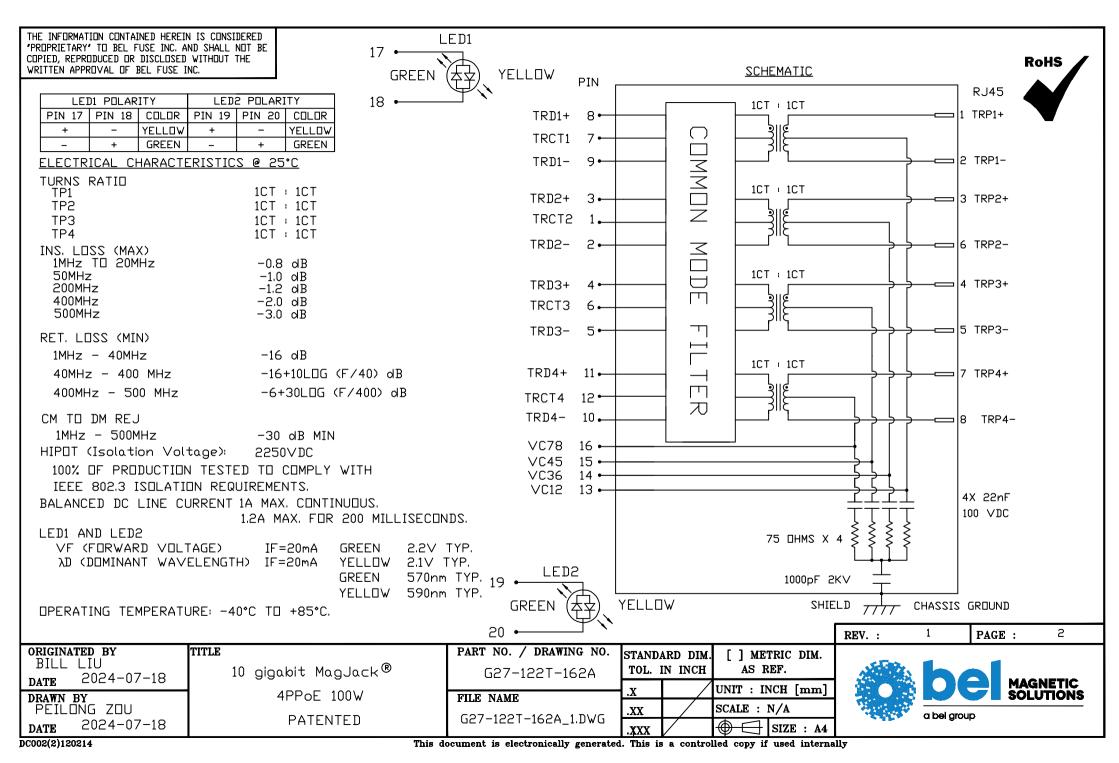


DOCUMENT / PART NO.: G27-122T-162A

TITLE: PRODUCT SPECIFICATION

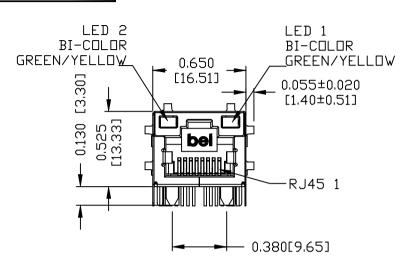
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_	PRELIMINARY	INARY						ОТ	TONY YUAN	AN					
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MECHANICAL SPECIFICATION



NOTES:

PLASTIC HOUSING: THERMOPLASTIC PA, BLACK

FLAMMABILITY RATING UL 94V-0

CONTACTS: 50 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT

DUTPUT PINS: LEAD FREE COPPER WIRES, DIA 0.018 INCH.

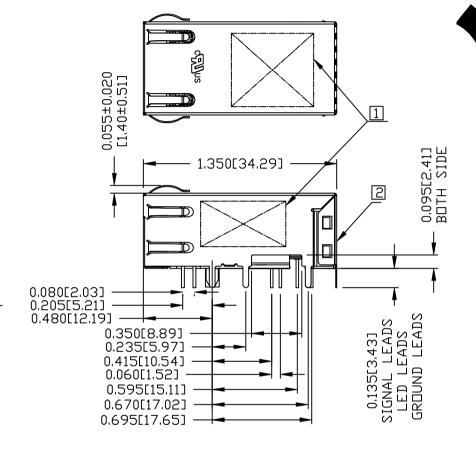
METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.

(ALL GROUND LEADS ARE SOLDER DIPPED)

c Susul Recognized - File #E169987.

1. MARK PART WITH MFG. LOGO, MFG. NAME, PART NUMBER AND DATE CODE.

- 2. MARKING "PATENTED" IN BACK VIEW.
- 3. THE PRODUCT IS ROHS COMPLIANT.
- 4. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.
- 5. THE PRODUCT IS PATENTED. THE PATENT NUMBER ARE U.S. PAT. 7,924,130 AND U.S. PAT. 7,429,195 AND U.S. PAT. 6,840,817 AND U.S. PAT. 7,123,117.
- 6. THE AXIAL RETENTION FORCE OF RJ PORT IS 15LBS MIN.



7. THE PART IS COMPLIANT WITH WAVE SOLDERING, THE SUGGESTED PEAK WAVE SOLDERING CONDITION IS 260°C MAX. AND 10 SECONDS MAX..

REV. :

ORIGINATED BY TITLE PART NO. / DRAWING NO. STANDARD DIM. [] METRIC DIM. TONY YUAN AS REF. 10 gigabit MagJack® TOL. IN INCH G27-122T-162A 2024-07-18 DATE UNIT : INCH [mm] 4PPoE 100W DRAWN BY FILE NAME TOWER YU SCALE: N/A .XX G27-122T-162A_1.DWG PATENTED 2024-07-18 DATE ±0.010 SIZE : A4

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MAGNETIC SOLUTIONS

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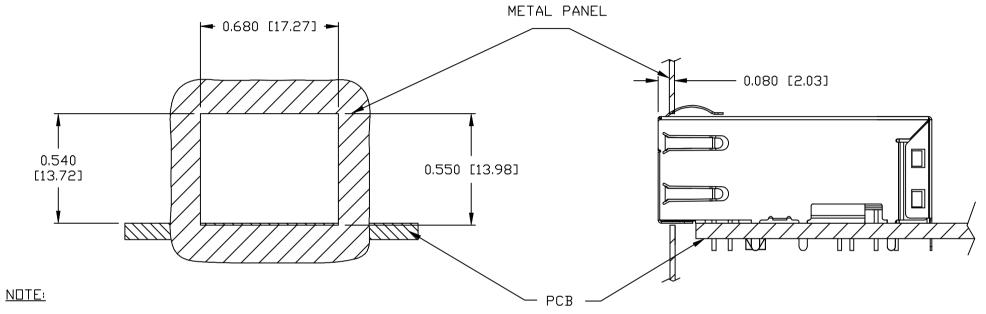
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THE INFORMATION CONTAINED HEREIN IS CONSIDERED PROPRIETARY TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE RoHS REF. WRITTEN APPROVAL OF BEL FUSE INC. RECOMMENDED PCB FOOTPRINT COMPONENT SIDE VIEW [30,48] 0.080 [2.03] 0.040 [1.02] 0.080 [2.03] PITCH 0.080 [2.03] PITCH 0.720 [18.29] REF. 1,200 0.068 0.650 [16.51] [13,85] [9,02] 0.550 [13.97] 0,355 0,545 [22,10] [17,02] [2,03] [5,21] 14 14 16 PLACES 0.870 0,080 0.670 Ø0.055 [Ø1.40] 8 PLACES [5,97] 20 Ø0.128 [Ø3.25] 120 18⊕ 18 [15,11] [12,06] [1,54] [17,65] 2 PLACES **-** 0.068 [1.73] 0,235 0.380 [9.65] 0,595 4 PLACES 0.695 0.440 [11.18] 0.102 [2.59] [7,49] [12,19] 0.534 [13.56] SUGGESTED PCB FRONT EDGE NOTES: FRONT SURFACE OF THE PRODUCT THE SHADED AREA ON THE CUSTOMER BOARD ARE 0.295 0.480 RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR COMPONENT PAD. REV. : PAGE: ORIGINATED BY TITLE PART NO. / DRAWING NO. STANDARD DIM. [] METRIC DIM. TONY YUAN 10 gigabit MagJack® AS REF. TOL. IN INCH G27-122T-162A 2024-07-18 DATE UNIT : INCH [mm] 4PPoE 100W DRAWN BY FILE NAME TOWER YU SCALE: N/A .XX a bel group G27-122T-162A_1.DWG PATENTED 2024-07-18 DATE ±0,004 SIZE DC002(2)120214 This document is electronically generated. This is a controlled copy if used internally

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SUGGESTED PANEL OPENING



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:: 0200M9999-K8 (TOP)

0200M9999-K7 (BOTTOM)

PACKING QUANTITY: 48 PCS FINISHED GOODS PER TRAY

9 TRAYS (432 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.	
TONY YUAN Date 2024-07-18	10 gigabit MagJack [®]	G27-122T-162A	TOL.	IN INCH	AS REF.	
DATE 2024-07-18	155 5 1001		v		UNIT : INCH [mm]	
DRAWN BY	4PPoE 100W	FILE NAME	<u>·^</u>			ł
TOWER YU	DATENTED	CO7 100T 160A 1 DV/C	.XX		SCALE: N/A	
DATE 2024-07-18	PATENTED	G27-122T-162A_1.DWG	.xxx	±0.005	SIZE : A4	

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