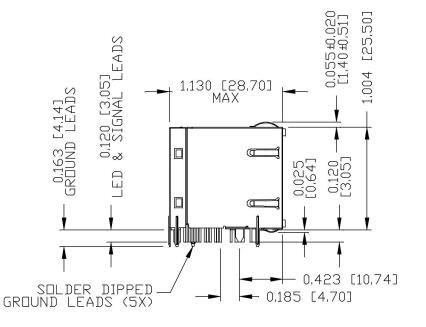
THE INFORMATION CONTAINED HEREIN IS CONSIDERED **RoHS** "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC. LED 2 & 4 LED 2 & 4 POLARITY LED 1 & 3 POLARITY SCHEMATIC PIN 14 YELLOW GREEN PIN 12 COLOR PIN 13 COLOR PIN 11 YFI I NW YELLOW RJ45 GREEN GREEN 1CT : 1CT TRD1-1 TRP1+ ELECTRICAL CHARACTERISTICS @ 25°C TURNS RATIO 2 TRP1-TP1 1CT : 1CT ±2% TRD1+ 2 \leq TP2 1CT : 1CT ±2% 1CT : 1CT TP3 1CT : 1CT ±2% TRD2- 3 3 TRP2+ TP4 1CT : 1CT ±2% \mathbb{Z} DCL @ 100kHz/100mVRMS 8mA DC BIAS 350µH MIN. <6 TRP2-TRD2+ 4 INS. LDSS 1CT : 1CT 0.1MHz TO 1MHz -1.1 dB MAX \Box TRD3- 5 4 TRP3+ 1MHz TO 65MHz -0.5 dB MAX 65MHz TO 100MHz -0.8 dB MAX 100MHz TO 125MHz -1,2 dB MAX 5 TRP3-TRD3+ 6 RET, LOSS (MIN) 0.5MHz-40MHz -18 dB1CT : 1CT 40MHz-100MHz $-12+20L\Box G(f/80MHz) dB$ TRD4- 7 7 TRP4+ CM TO CM REJ π 100kHz - 100MHz -30 dB MIN CM TO DM REJ 8 TRP4-TRD4+ 8 100kHz - 100MHz -35 dB MIN HIPOT (Isolation Voltage): 1500 Vrms 4X 75 DHMS TRDCT1/2/3/4 9 100% OF PRODUCTION TESTED TO COMPLY WITH GND 10 IEEE 802,3 ISOLATION REQUIREMENTS, LED 1 & 3 1000pF 2kV LEDS 1, 2, 3 AND 4 VF (FORWARD VOLTAGE) IF=20mA GREEN 2,2V TYP, SHIELD 77/7 IF=20mA YELLOW 2.1V TYP. GREEN YELLOW λD (DOMINANT WAVELENGTH) IF=20mA GREEN 570nm TYP IF=20mA YELLOW 590nm TYP. REV. : PAGE: ORIGINATED BY TITLE PART NO. / DRAWING NO. STANDARD DIM. [] METRIC DIM. CHOW WANCHUANG 2X2 gigabit MagJack® AS REF. TOL. IN INCH 0879-2C2R-54 DATE 2016-04-07 WITH UPPER AND LOWER LED UNIT : INCH [mm] DRAWN BY FILE NAME (8 Cores) SCALE: N/A MURPHY LEE .XX PATENTED a bel group 0879-2C2R-54 C,DWG DATE 2016-04-07 SIZE: A4

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RoHS GREEN/YELLOW

NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT

FLAMMABILITY RATING UL 94V-0

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

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

METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.

(ALL GROUND LEADS ARE SOLDER DIPPED)

- 1. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.
- 2. MARK PART WITH MFG LOGD, MFG NAME, PART NUMBER, DATE CODE AND PATENTED.
- 3. THE PRODUCT IS ROHS COMPLIANT.

** UL RECOGNIZED - FILE #E196366 AND E169987. 4. THE PRODUCT IS PATENTED. THE PATENT NUMBER ARE U.S. PAT. 6,840,817 AND U.S. PAT. 7,123,117.

LED 1

PORT 4

RJ45 1

LED 3

-PORT 3

0.550 [13.97]

TYPICAL

1,000 [25,40]

BI-COLOR

GREEN/YELLOW

BI-COLOR

1,226 [31,14]

chill na

0,055±0,020 [1,40±0,51]

LED 2

PORT 2

RJ45 1-

LED 4

PORT 1

BI-COLOR.

GREEN/YELLOW

BI-COLOR ·

GREEN/YELLOW

						REV.:
ORIGINATED BY	TITLE	PART NO. / DRAWING NO.	STANDA	ARD DIM.	[] METRIC DIM.	
ANTON LIAO	2X2 gigabit MagJack®	0879-2C2R-54	TOL.	IN INCH	AS REF.	4
DATE 2016-04-07	WITH UPPER AND LOWER LED	OG/ J EGER GT	v		UNIT : INCH [mm]	
DRAWN BY	(8 Cores) FILE NAME		.Λ		enti : men [mm]	- Thill
JESSE LI			.XX		SCALE : N/A	
DATE 2016-04-07	TAICNICD	0879-2C2R-54_C.DWG	.XXX	±0,010	⊕-⊟ SIZE : A4	

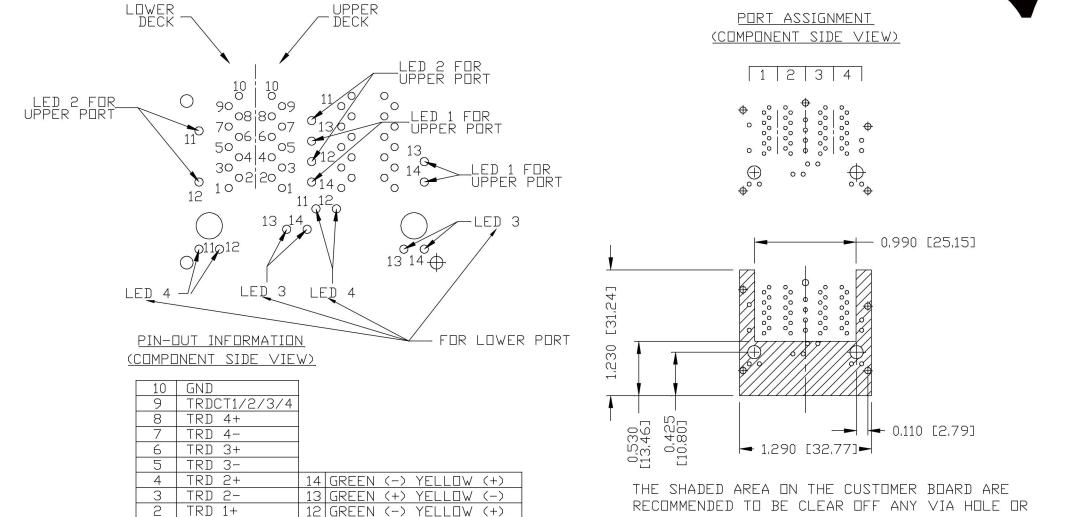
SOLUTIONS a bel group

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DDAWN DV					
DATE 2016-04-07					
ANTON LIAO					
ORIGINATED BY					

DRAWN BY
JESSE LI
DATE 2016-04-07

TITLE

2X2 gigabit MagJack®

WITH UPPER AND LOWER LED

(8 Cores)

PATENTED

GREEN (+)

YELLOW (-)

TRD 1-

REV. :

С

COMPONENT PAD.

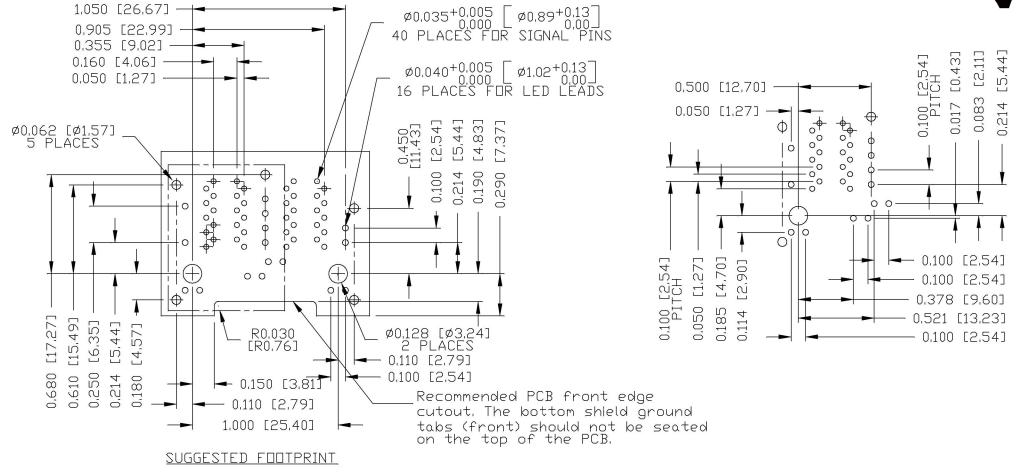
MAGNETIC SOLUTIONS

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ORIGINATED BY	TITLE	PART NO. / DRAWING NO.	STAND	ARD DIM.	[] METRIC DIM.	Т
ANTON LIAO	2X2 gigabit MagJack®	0879-2C2R-54	2002000 200	IN INCH	AS REF.	1
DATE 2016-04-07	WITH UPPER AND LOWER LED		v		UNIT : INCH [mm]	1
DRAWN BY	(8 Cores)	FILE NAME			SCALE : N/A	1
JESSE LI	PATENTED	0879-2C2R-54_C,DWG	.XX		2 KOR 2 CO 10 10 AC 10 CO	4
DATE 2016-04-07			.XXX	±0,004	SIZE : A4	

(COMPONENT SIDE VIEW)

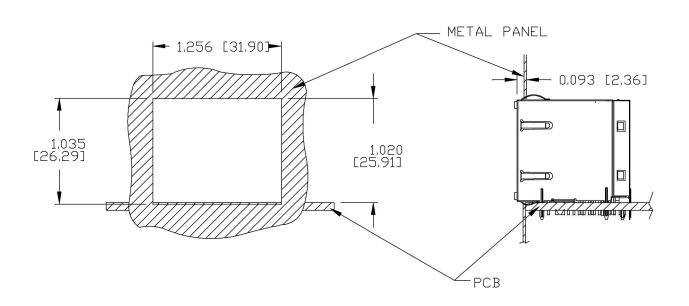
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MAGNETIC SOLUTIONS
a bel group

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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.

PACKING INFORMATION

PACKING TRAY: 0200-9999-P5 (TOP)

0200-9999-P6 (BOTTOM)

PACKING QUANTITY: 28 PCS FINISHED GOODS PER TRAY

7 TRAYS (196 PCS FINISHED GOODS) PER CARTON BOX

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

(INCLUDE THE UPPERMOST AND LOWERMOST TRAY)

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Γ	ORIGINATED BY	TITLE	PART NO. / DRAWING NO.	STAND	ARD DIM.	[] METRIC DIM.				
	ANTON LIAO	2X2 gigabit MagJack®	0879-2C2R-54		IN INCH	AS REF.	44	s		
ŀ	DATE 2016-04-07	WITH UPPER AND LOWER LED	paracolar des des socialités de la constitue d	x		UNIT : INCH [mm]			MAG	NETIC UTIONS
	DRAWN BY	(8 Cores)	FILE NAME	3737		SCALE : N/A	7		30L	OTIONS
	JESSE LI	PATENTED	0879-2C2R-54_C,DWG	.XX			-44-12	a bel grou	lb	
L	DATE 2016-04-07	1111211122	0079 LCER ST_CBWG	.XXX	±0,004	SIZE : A4				