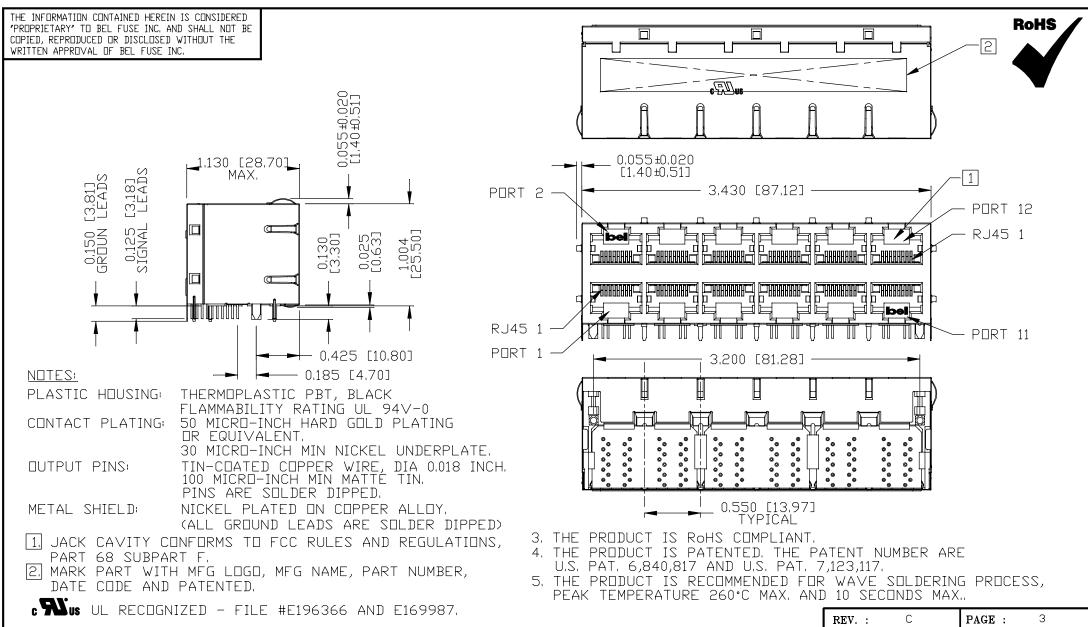
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SCHEMATIC ELECTRICAL CHARACTERISTICS @ 25°C RJ45 1CT : 1CT TURNS RATIO TRD1- 1 •-1 TRP1+ TP1 1CT : 1CT ±2% TP2 1CT : 1CT ±2% TP3 1CT : 1CT ±2% 2 TRP1-TRD1+ 2 TP4 1CT : 1CT ±2% 1CT : 1CT OCL @ 100kHz/100mVRMS TRD2- 3 • 3 TRP2+ 8mA DC BIAS 350µH MIN. \overline{z} INS, LOSS \leq 6 TRP2-TRD2+ 4 •-0.1MHz TO 1MHz -1.1 dB MAX 1CT : 1CT \Box 1MHz TO 65MHz -0.5 dB MAX TRD3- 5 ← 4 TRP3+ 65MHz TO 100MHz -0.8 dB MAX 100MHz TO 125MHz -1.2 dB MAX $\neg \neg$ \vdash 5 TRP3-TRD3+ 6 •─ RET, LOSS (MIN) 0.5MHz-40MHz-18 dB 1CT : 1CT 40MHz-100MHz $-12+20L\Box G(f/80MHz) dB$ TRD4- 7 •-7 TRP4+ π CM TO CM REJ 8 TRP4-100kHz - 100MHz -30 dB MIN TRD4+ 8 • CM TO DM REJ 4X 75 DHMS TRDCT1/2/3/4 9 • 100kHz - 100MHz -35 dB MIN HIPOT (Isolation Voltage): 1500 Vrms or 2250VDC GND 10 ← 1000pF 2kV 100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS. SHIELD 7/// OPERATING TEMPERATURE: 0°C TO +70°C. REV. : PAGE: ORIGINATED BY TITLE PART NO. / DRAWING NO. STANDARD DIM. [] METRIC DIM. CHOW WANCHUNG 2X6 gigabit MagJack® TOL. IN INCH AS REF. 08332X6R54-F **DATE** 2016-11-07 (8 Cores) UNIT : INCH [mm] DRAWN BY FILE NAME 0833-2X6R-54-F SCALE : N/A LI LINFENG XX. PATENTED a bel group 08332X6R54-F C.DWG **DATE** 2016-11-07 - SIZE : A4 DC002(2)120214 This document is electronically generated. This is a controlled copy if used internally

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ORIGINATED BY TITLE PART NO. / DRAWING NO. STANDARD DIM. [] METRIC DIM. LI QUANKUN 2X6 gigabit MagJack® TOL. IN INCH AS REF. 08332X6R54-F **DATE** 2016-11-07 (8 Cores) UNIT : INCH [mm] DRAWN BY FILE NAME 0833-2X6R-54-F SCALE: N/A ZHANG XUEZHENG .XX PATENTED a bel aroup 08332X6R54-F C.DWG DATE 2016-11-07 ±0,010 SIZE : A4

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RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR

SIZE: A4

REV. :

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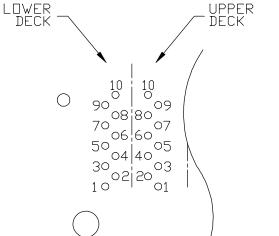
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PIN-OUT INFORMATION (COMPONENT SIDE VIEW)

10	GND
9	TRCT1/2/3/4
8	TRD 4+
7	TRD 4-
6	TRD 3+
5	TRD 3-
4	TRD 2+
3	TRD 2-
2	TRD 1+
1	TRD 1-

TITLE

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1,230 [31,24] — 0,530 [13,46] — 0,425 [10,80] —	0.145 [3.68] ————————————————————————————————————	 ARE

ORIGINATED BY
LI QUANKUN
DATE 2016-11-07

DRAWN BY
ZHANG XUEZHENG
DATE 2016-11-07

2X6 gigabit MagJack® (8 Cores) 0833-2X6R-54-F PATENTED PART NO. / DRAWING NO. STAND TOL.

08332X6R54-F .X.

08332X6R54-F_C.DWG

COMPONENT PAD

±0,004

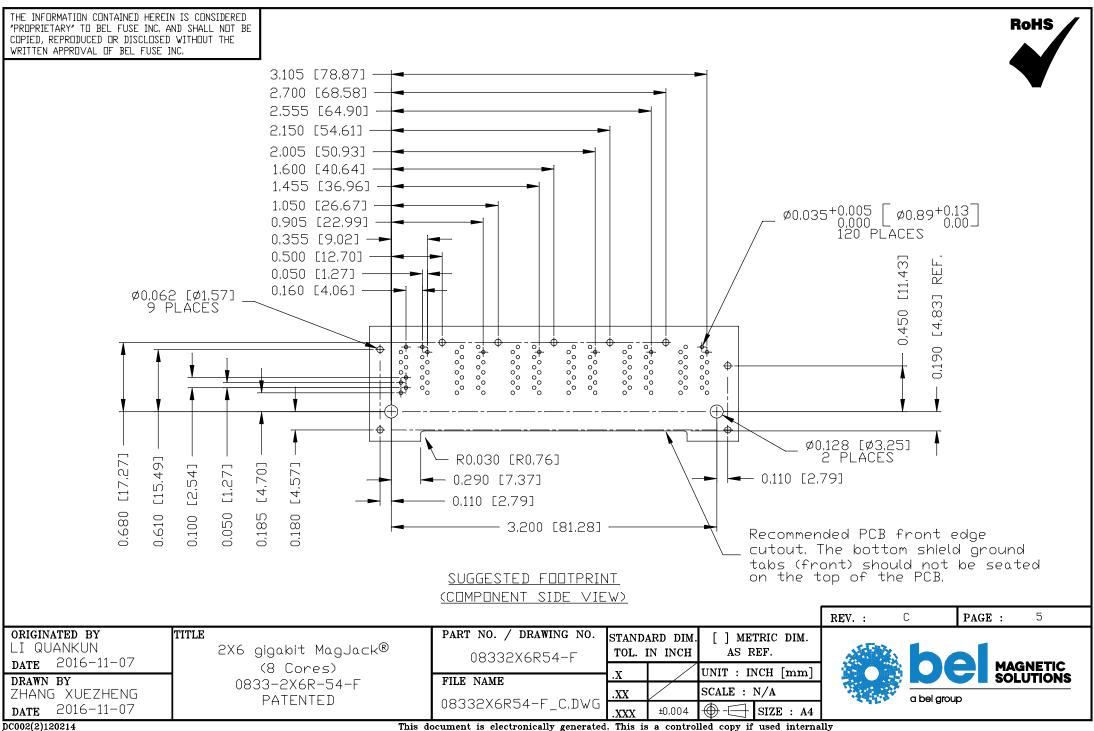
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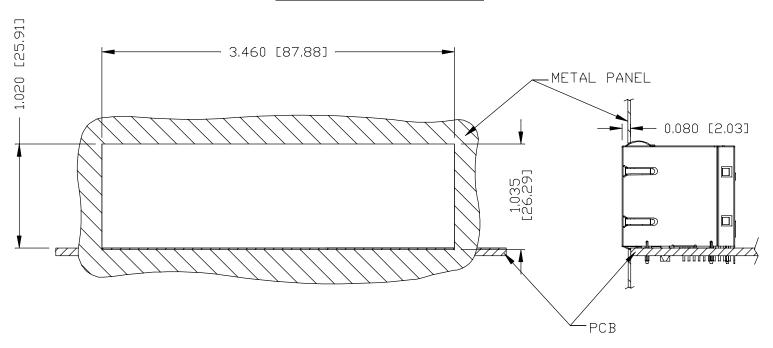
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SUGGESTED PANEL OPENING





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-A9 (TOP)

0200-9999-A8 (BOTTOM)

PACKING QUANTITY: 15 PCS FINISHED GOODS PER TRAY

7 TRAYS (105 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	2X6 gigabit MagJack®	08332X6R54-F		IN INCH	
DATE 2016-11-07	(8 Cores)	00002,00001	v		UNIT : INCH [mm]
DRAWN BY	0833-2X6R-54-F	FILE NAME	-Λ		enti : men [mm]
ZHANG XUEZHENG	PATENTED		.XX		SCALE : N/A
DATE 2016-11-07	THICKIED	08332X6R54-F_C.DWG	.XXX	±0,004	SIZE : A4

