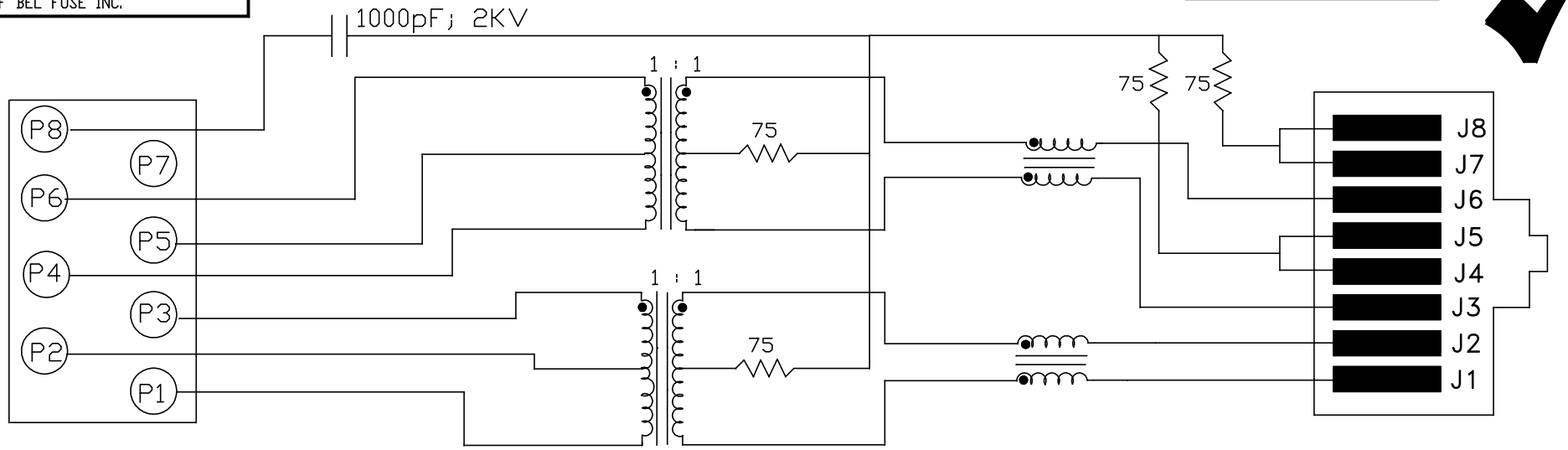
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PRELIMINARY

RoHS



ELECTRICAL SPECIFICATIONS:

1.0 TURNS RATIO: (P6–P5–P4) : (J6–J3) : 1CT : 1CT ± 3%
(P3–P2–P1) : (J2–J1) : 1CT : 1CT ± 3%

2.0 INDUCTANCE: (P6–P4) : 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias
(P3–P1) : 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias

3.0 LEAKAGE INDUCTANCE: P6–P4 (WITH J6 AND J3 SHORT) : 0.3 MAX. @ 1MHz
P3–P1 (WITH J2 AND J1 SHORT) : 0.3 MAX. @ 1MHz

4.0 INTERWINDING CAPACITANCE: (P6,P5,P4) TO (J6,J3) : 30pf MAX. @ 1MHz
(P3,P2,P1) TO (J2,J1) : 30pf MAX. @ 1MHZ

5.0 DC RESISTANCE: (J6–J3)=(J2–J1) : 1.2 ohms Max.

NOTES

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.

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DRAWN BY XIE YIMING DATE 2018-01-31		FILE NAME SI-60002-F_PA.DWG	.X / .XX / .XXX	UNIT : INCH [mm] SCALE : N/A SIZE : A4	bel MAGNETIC SOLUTIONS a bel group

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		RECEIVE
6.0	RETURN LOSS: 1MHz TO 30MHz	: 18dB MIN.
	60MHz TO 80MHz	: 12dB MIN.
	NOTE: 100 OHMS CONNECTED TO (J2–J1) OR (J6–J3).	
7.0	DIELECTRIC WITHSTAND: (J1, J2) TO (P1, P3)	: 1500 VAC
	(J3, J6) TO (P4,P6)	: 1500 VAC
8.0	INSERTION LOSS: RS=RL=100 ohms	
	100KHz TO 100MHz	: 1.1 dB TYP
9.0	RISE TIME: RS=100 OHMS AND RL = 100 OHMS	
	OUTPUT VOLTAGE = 1 V peak	: 3.0 nS MAX
	PULSE WIDTH= 112nS	: 3.0 nS MAX
10.0	CROSS TALK: 1MHz TO 100MHz	: 40 dB TYP
11.0	COMMON TO COMMON MODE ATTENUATION: 30MHz TO 100MHz	: 35dB TYP

REV. : PA | PAGE : 3

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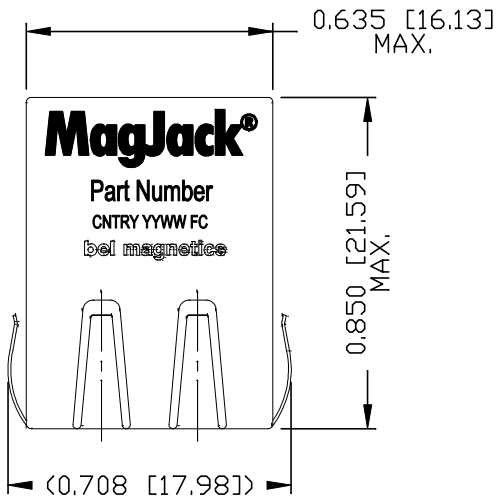
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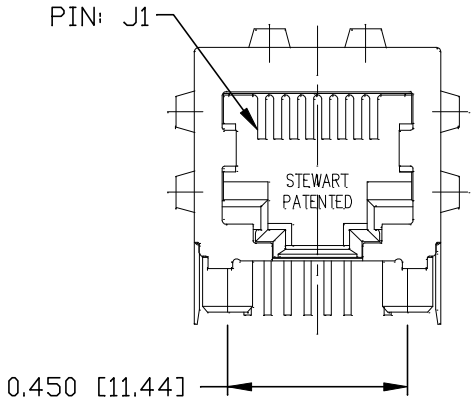
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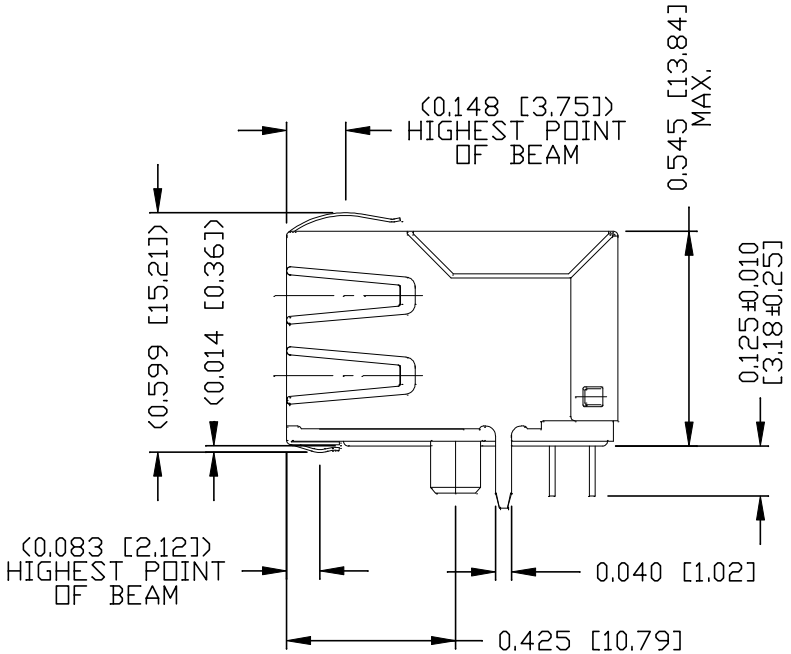
RoHS



NOTES:

1. CONNECTOR MATERIALS:
   HOUSING: THERMOPLASTIC UL94 V-0
   CONTACT/SHIELD: COPPER ALLOY
   SHIELD PLATING: NICKEL OR TIN
   CONTACT PLATING: SELECTIVE GOLD,
   50 MICRO-INCHES MIN. IN CONTACT AREA.
2. PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED.
   SEE ELECTRICAL DRAWING FOR OMITTED PINS.
3. TOLERANCES COMPLY WITH F.C.C. DIMENSION REQUIREMENTS.
4. THE PRODUCT IS RoHS COMPLIANT.
5. THE PART IS RECOMMENDED FOR WAVE SOLDERING.
   THE SUGGESTED PEAK WAVE SOLDERING CONDITION IS 260°C MAX
   AND 10 SECONDS MAX.





REV. : PA		PAGE : 4	
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DRAWN BY: LIU DONGJUN DATE: 2018-01-31			

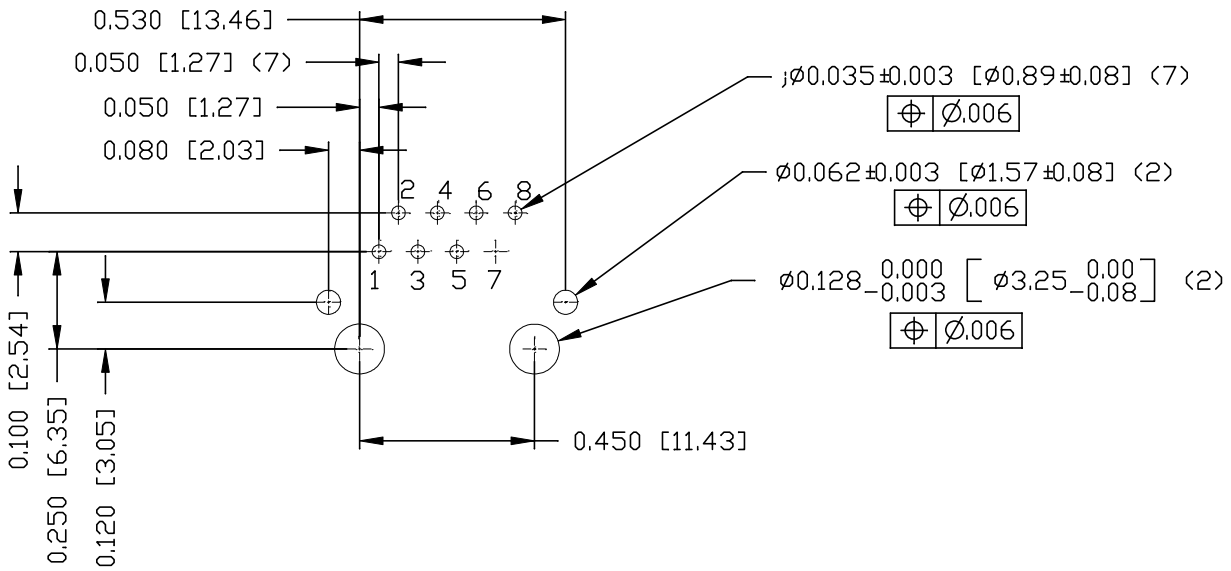
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PCB RECOMMENDED HOLE LAYOUT
(SEEN FROM COMPONENT SIDE)

ALL CENTERLINE DIMENSIONS ARE BASIC

REV. : PA | PAGE : 5

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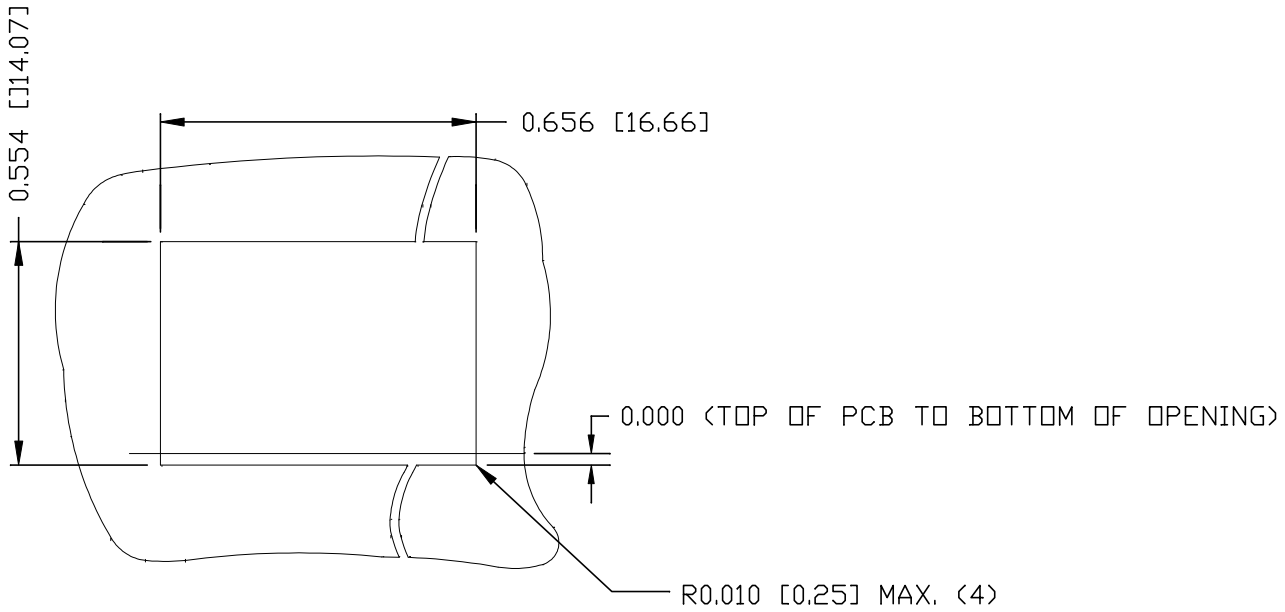
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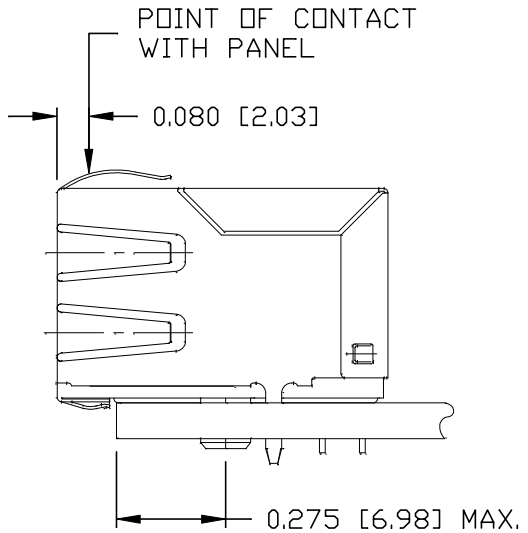
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SUGGESTED PANEL OPENING





NOTES:

THE SUGGESTED PANEL OPENING IS INTENDED TO GIVE THE USER THE ABILITY TO HAVE REASONABLE JACK / PANEL CLEARANCES YET MAINTAIN RELIABLE GROUNDING CAPABILITY.

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