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RoHS 2002/95/EC

ELECTRICAL CHARACTERISTICS @ 25°C

OPERATING TEMPERATURE RANGE: : -40°C TO +85°C

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) : 0.3uH MAX. @ 1MHz P3-P1 (WITH J2 AND J1 SHORT) : 0.3uH MAX. @ 1MHz

4.0 INTERWINDING CAPACITANCE: (P6,P5,P4) TO (J6,J3) : 40pF MAX @ 1MHz (P3,P2,P1) TO (J2,J1) : 40pF MAX. @ 1MHZ

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

6.0 RETURN LOSS: (P6-P4)=100 OHMS AND (P1-P3)=100 OHM REF.

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 Vrms (J3, J6) TO (P4,P6) : 1500 Vrms

8.0 INSERTION LOSS: RS=RL=100 ohms

100KHz TO 100MHz : 1.1 dB TYP

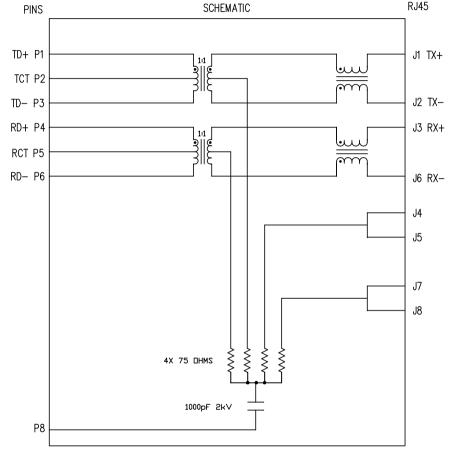
9.0 RISE TIME: RS=100 OHMS AND RL = 100 OHMS

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

TITLE



NOTES

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.

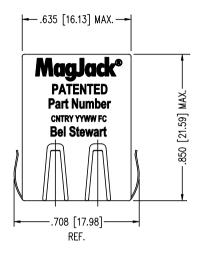
ORIGINATED BY	DATE
Bain Liu	09-03-09
DRAWN BY	DATE
Bain Liu	09-03-09

MagJack®
10/100BT
TAB DOWN, SHIELDED
PATENTED

PART NO. / DRAWING NO.	STANDA	ARD DIM.	[] METRIC DIM. AS REFERENCE	
SI-60118-F	TOL. IN	INCH	UNIT : INCH [mm]	REV.: A0
FILE NAME	<u>.x</u>		SCALE: N/A	SIZE: A4
SI-60118-F.DWG	XX		<u> </u>	
31-00110-F.DWG	.xxx	±0.005		PAGE: 2

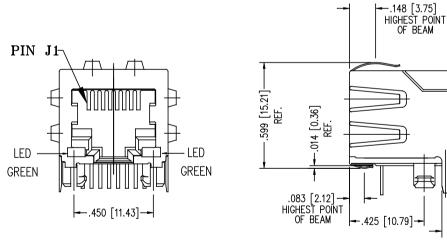


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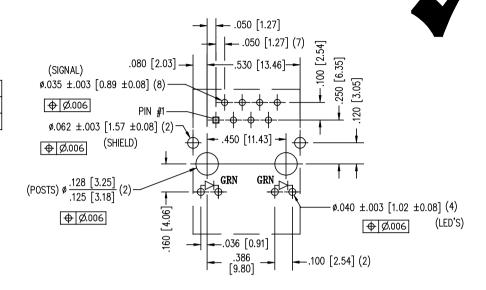


LED SPECIFICATION			
STANDARD LED	WAVELENGTH	FORWARD V (MAX)	* (TYP)
GREEN	565 nm	2.5 V	2.1 V

*WITH A FORWARD CURRENT OF 20 mA (TYP)



TITLE



P.C.B. RECOMMENDED HOLE LAYOUT SEEN FROM COMPONENT SIDE

ALL CENTERLINE DIMENSIONS ARE BASIC

NOTES:

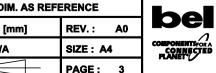
- 1. CONNECTOR MATERIALS:
 HOUSING: THERMOPLASTIC UL94 V-O
 CONTACT/SHIELD: COPPER ALLOY
 SHIELD PLATING: NICKEL OR TIN
 CONTACT PLATING: SELECTIVE GOLD,
 - 50 MICRO-INCHES MIN. IN CONTACT AREA.
- PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED. SEE ELECTRICAL DRAWING FOR OMITTED PINS.
- 3. TOLERANCES COMPLY WITH F.C.C. DIMENSION REQUIREMENTS.
- 4. ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE ±.005 [0.13]
- 5. REFLOW AND WAVE SOLDER COMPATIBLE -260°C FOR 10 SECONDS MAX.

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PART NO. / DRAWING NO.	TOL IN INCH		[] METRIC DIM.
SI-60118-F			UNIT : INCH [mm
FILE NAME	X		SCALE. N/A
SI-60118-F.DWG	.xx		SCALE: N/A
	XXX	+0.005	



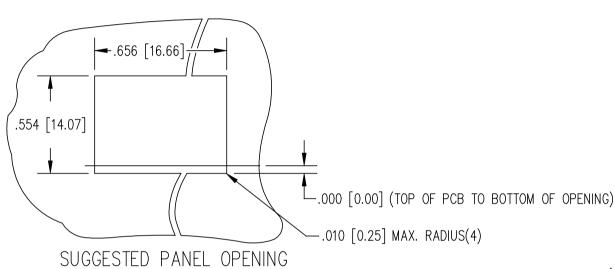
RoHS

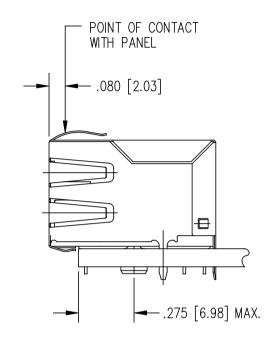
165±.010 [4.191±.254]

.040 [1.02]

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- 1. THE SUGGESTED PANEL OPENING IS INTENDED TO GIVE THE USER THE ABILITY TO HAVE REASONABLE JACK / PANEL CLEARANCES YET MAINTAIN RELIABLE GROUNDING CAPABILITY.
- 2. ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE ±.005 [0.13]

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T	PART NO. / DRAWING NO.	TOL. IN INCH		[] METRIC DIM. AS REFERENCE	
ı	SI-60118-F			UNIT : INCH [mm]	REV.: A0
П	FILE NAME	.X		SCALE: N/A	SIZE: A4
SI-60118-F.DWG	.XX		DOALE: NA	OLL . AT	
	XXX.	±0.005		PAGE: 4	



AMEYA360 Components Supply Platform

Authorized Distribution Brand:

























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