

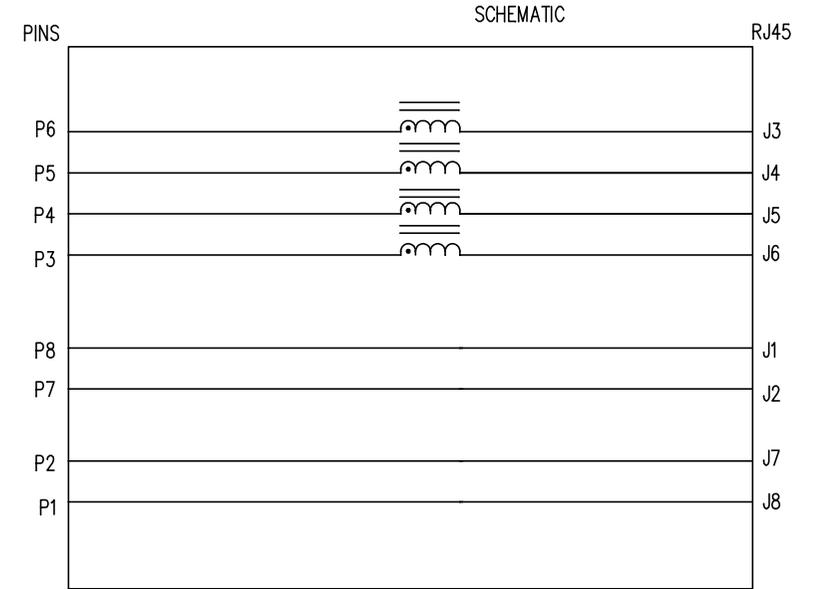
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ELECTRICAL SPECIFICATIONS:

- OPERATING TEMPERATURE RANGE: : -40° C TO +85° C
- 1.0 INDUCTANCE: (P6-J3) = (P5-J4) = (P4-J5) = (P3-J6) : 20 uH MIN @1MHz, 20 mV
- 2.0 LEAKAGE INDUCTANCE (P6-J3), SHORT (P5-J4), (P4-J5), (P3-J6) : 0.20 uH MAX @1MHz, 20 mV
(P5-J4), SHORT (P6-J3), (P4-J5), (P3-J6) : 0.20 uH MAX @1MHz, 20 mV
(P4-J5), SHORT (P6-J3), (P5-J4), (P3-J6) : 0.20 uH MAX @1MHz, 20 mV
(P3-J6), SHORT (P6-J3), (P5-J4), (P4-J5) : 0.20 uH MAX @1MHz, 20 mV
- 3.0 COUPLING CAPACITANCE P3 TO P4 TO P5 TO P6 : 20 pF MAX. @1MHz, 20 mV
SHORT (P6-J3), (P5-J4), (P4-J5), (P3-J6)
- 4.0 DC RESISTANCE (P6-J3) = (P5-J4) = (P4-J5) = (P3-J6) : 0.5 OHM MAX
- 5.0 COMMON MODE ATTENUATION
- | FREQUENCY (MHz) | dB (MIN) |
|-----------------|----------|
| 0.3 | 12 |
| 1 | 19 |
| 10 | 30 |
| 30 | 30 |
| 50 | 35 |
| 100 | 32 |
| 300 | 25 |
| 500 | 18 |
- 6.0 HIPOT : 500 Vrms
(REF. DOC.
HAND -WORK-03)

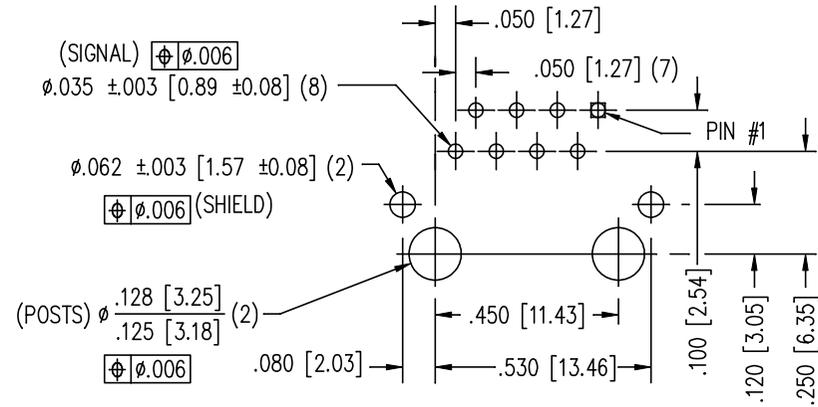
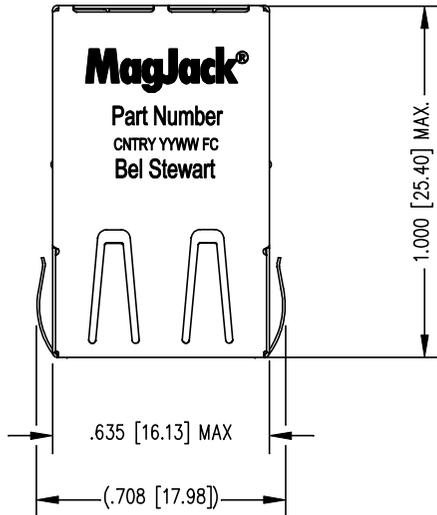


NOTE:
PINS NOT ELECTRICALLY CONNECTED ARE OMITTED.

ORIGINATED BY Bain Liu	DATE 2013-06-26	TITLE MagJack® 10/100BT TAP UP, SHIELDED	PART NO. / DRAWING NO. SI-50223-F		STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		
			FILE NAME SI-50223-F.DWG		.X		UNIT : INCH [mm]	REV. : A0	
DRAWN BY Duan Jun	DATE 2013-06-26				.XX		SCALE : N/A	SIZE : A4	
					.XXX			PAGE : 2	

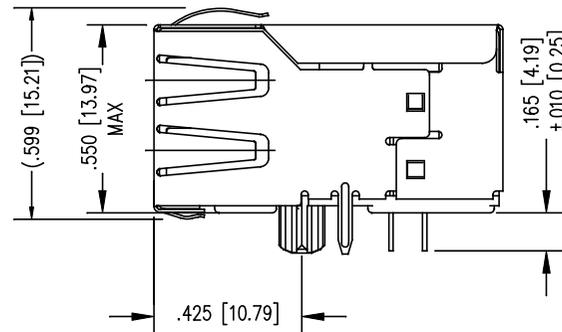
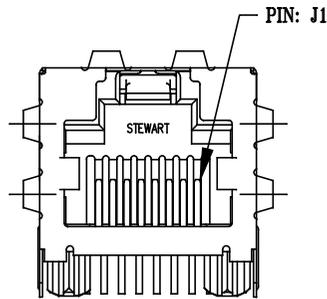
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P.C.B. RECOMMENDED HOLE LAYOUT
SEEN FROM COMPONENT SIDE

ALL CENTERLINE DIMENSIONS ARE BASIC.



NOTES:

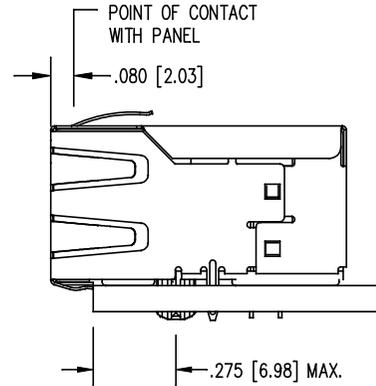
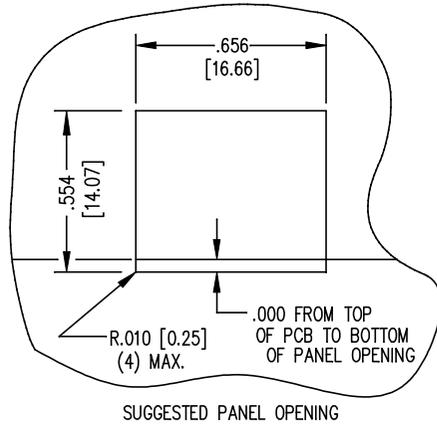
- CONNECTOR MATERIALS:
HOUSING: THERMOPLASTIC UL94 V-0
CONTACT/SHIELD: COPPER ALLOY
SHIELD PLATING: NICKEL OR TIN
CONTACT PLATING: SELECTIVE GOLD,
50 MICRO-INCHES MIN. IN CONTACT AREA.
- PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED.
SEE ELECTRICAL DRAWING FOR OMITTED PINS.
- TOLERANCES COMPLY WITH F.C.C. DIMENSION REQUIREMENTS.
- ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE $\pm .005 [0.13]$
- WAVE SOLDER COMPATIBLE - PREHEAT 125°C/90SECS.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	
Bain Liu	2013-06-26	MagJack® 10/100BT TAP UP, SHIELDED	SI-50223-F	TOL. IN INCH	UNIT : INCH [mm]	REV. : A0
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4
Duan Jun	2013-06-26		SI-50223-F.DWG	.XX		PAGE : 3
			.XXX			



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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 ± 0.05 [0.13]

ORIGINATED BY Bain Liu	DATE 2013-06-26	TITLE MagJack® 10/100BT TAP UP, SHIELDED	PART NO. / DRAWING NO. SI-50223-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		bel COMPONENTS FOR A CONNECTED PLANET
				.X		UNIT : INCH [mm]	REV. : A0	
DRAWN BY Duan Jun	DATE 2013-06-26		FILE NAME SI-50223-F.DWG	.XX		SCALE : N/A	SIZE : A4	
				.XXX			PAGE : 4	