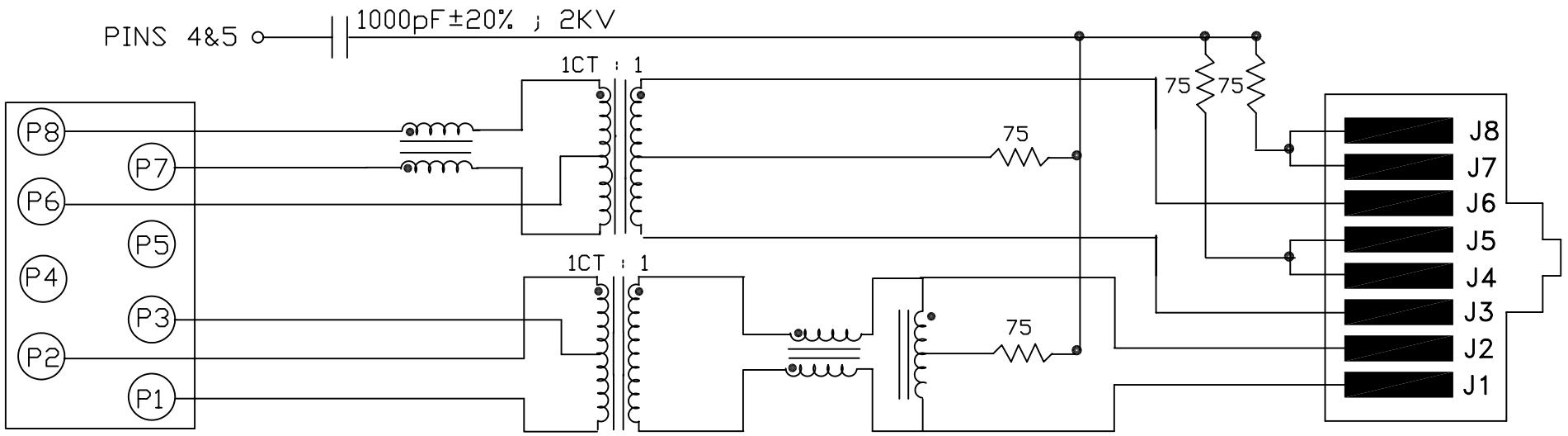
Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



ELECTRICAL SPECIFICATIONS:

1.0 TURNS RATIO:	(P8–P6–P7) : (J6–J3)	: 1CT : 1 ± 3%
	(P2–P3–P1) : (J2–J1)	: 1CT : 1 ± 3%
2.0 INDUCTANCE:	(P7–P8)	: 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias
	(P1–P2)	: 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias
3.0 LEAKAGE INDUCTANCE:	P8–P7 (WITH J6 AND J3 SHORT)	: 0.3 MAX. @ 1MHz
	P2–P1 (WITH J2 AND J1 SHORT)	: 0.3 MAX. @ 1MHz
4.0 INTERWINDING CAPACITANCE:	(P8,P6,P7) TO (J6,J3)	: 30pf MAX @ 1MHz
	(P3,P2,P1) TO (J2,J1)	: 30pf MAX. @ 1MHZ
5.0 DC RESISTANCE:	(J1–J2)	: 1.2 ohms Max.
	(P8–P7)	: 1.2 ohms Max.

NOTES

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.

2.0 ALL RESISTORS ARE ±5% TOLERANCE.

RoHS 2002/95/EC

Bel Stewart Connector
11118 Susquehanna Trail, South
Glen Rock, Pa 17327-9199
717.234.7512

MagJack®

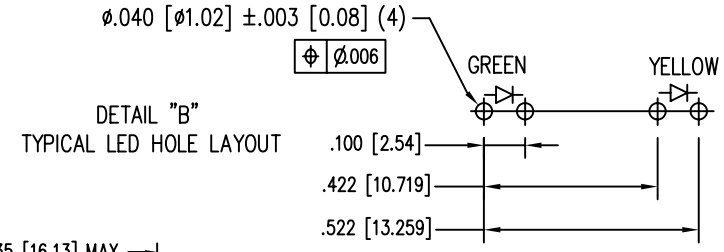
http://www.stewartconnector.com

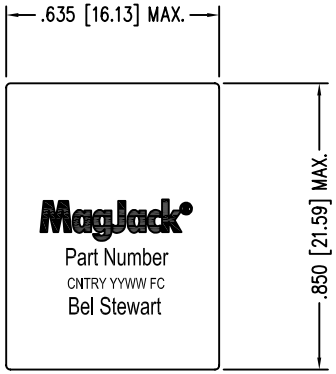
		RECEIVE
6.0 RETURN LOSS:	1MHz TO 30MHz	: −18dB MIN.
	30MHz TO 60MHz	: −(19−20 LOG (f/30MHz))
	60MHz TO 80MHz	: −12dB MIN.
7.0 DIELECTRIC WITHSTAND:	(J1, J2) TO (P1, P3)	: 1500 VAC
	(J3, J6) TO (P8,P7)	: 1500 VAC
8.0 INSERTION LOSS:	RS=RL=100 ohms	
	1MHz TO 65MHz	: −1.0 dB MAX
	65MHz TO 100MHz	: −1.1 dB MAX
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	: −35 dB TYP
11.0 COMMON TO COMMON MODE ATTENUATION:	1MHz TO 100MHz	: −45dB TYP
	100MHz TO 200MHz	: −20dB MIN

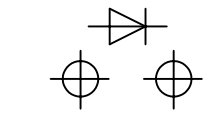
Bel Stewart Connector
11118 Susquehanna Trail, South
Glen Rock, Pa 17327-9199
717.234.7512

MagJack®

http://www.stewartconnector.com

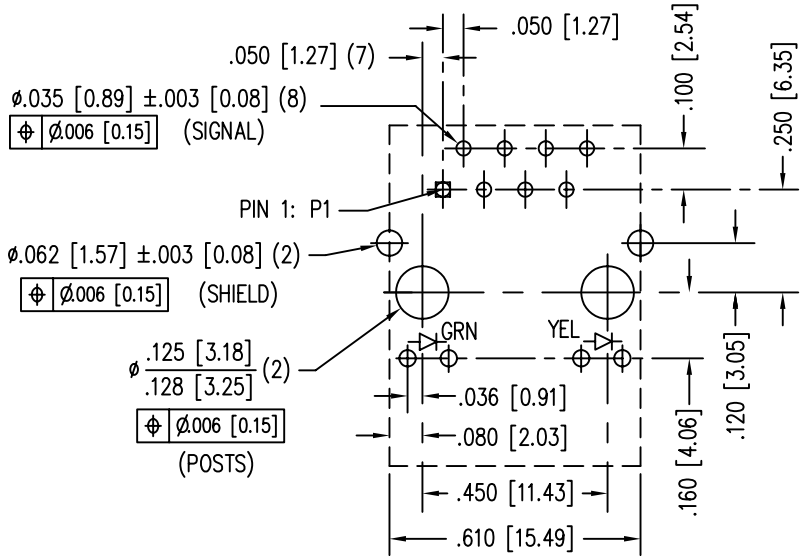






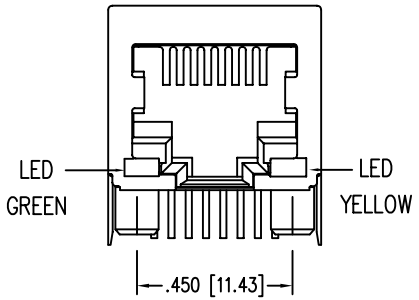
LED POLARITY
(ENLARGED VIEW)

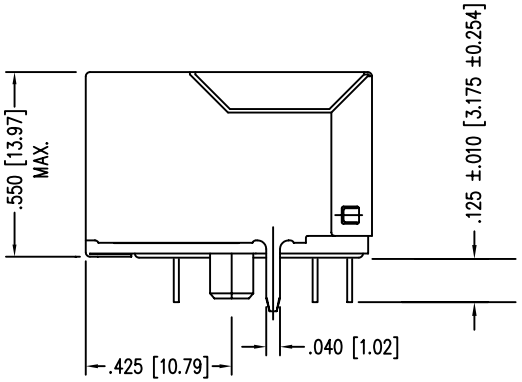
SINGLE COLOR LED



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

ALL CENTERLINE DIMENSIONS ARE BASIC.





RoHS
2002/95/EC

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. ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE ±.005 [0.13]
5. REFLOW AND WAVE SOLDER COMPATIBLE -260°C FOR
   10 SECONDS MAX.

LED SPECIFICATION			
STANDARD LED	WAVELENGTH	FORWARD V (MAX)	* (TYP)
GREEN	565 nm	2.5 V	2.2 V
YELLOW	590 nm	2.5 V	2.1 V

*WITH A FORWARD CURRENT OF 20 mA (TYP)

Bel Stewart Connector
11118 Susquehanna Trail, South
Glen Rock, Pa 17327-9199
717.234.7512

MagJack®
http://www.stewartconnector.com