



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



THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

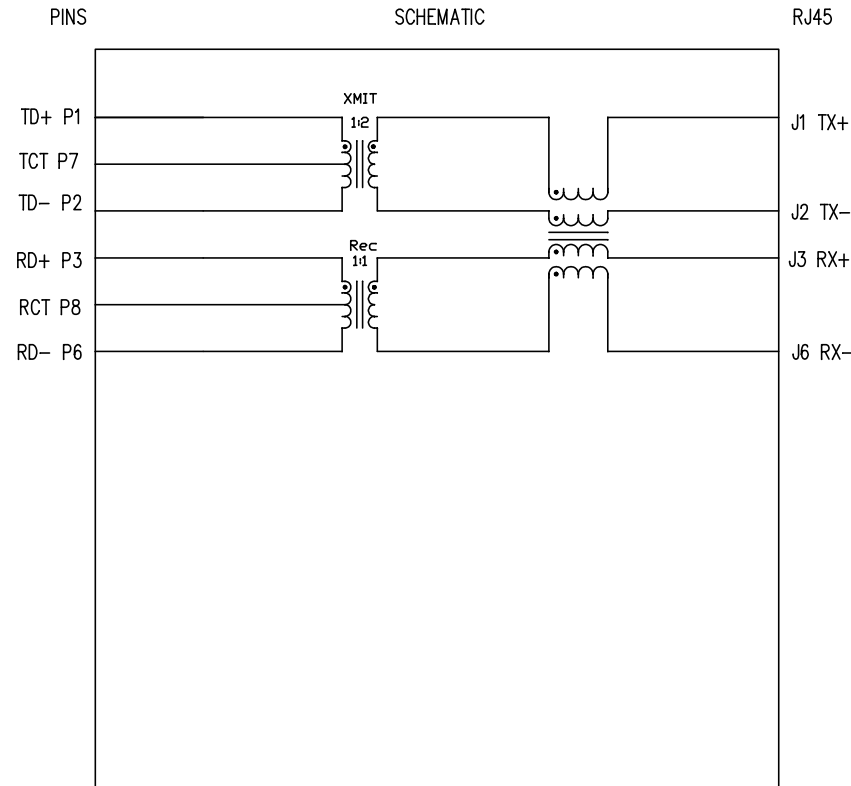
RoHS
2002/95/EC



ELECTRICAL CHARACTERISTICS @ 25°C

ELECTRICAL SPECIFICATIONS:

| | |
|---|----------------------------|
| 1.0 TURNS RATIO (P6-P8-P3) : (J6-J3) | : 1CT : 1 ± 3% |
| (P2-P7-P1) : (J2-J1) | : 1CT : 2 ± 3% |
| 2.0 INDUCTANCE (P6-P3)=(J6-J3) | : 98uH MIN. @ 0.01V, 10KHz |
| (P2-P1) | : 18uH MIN. @ 0.01V, 10KHz |
| 3.0 LEAKAGE INDUCTANCE P6-P3 (WITH J6 AND J3 SHORT) | : 0.3uH MAX. @ 1MHz |
| P2-P1 (WITH J2 AND J1 SHORT) | : 0.08uH MAX. @ 1MHz |
| 4.0 INTERWINDING CAPACITANCE (P6,P3) TO (J6,J3) | : 8pF MAX @ 1MHz |
| (P2,P1) TO (J2,J1) | : 6pF MAX. @ 1MHz |
| 5.0 DC RESISTANCE (J6-J3)=(J2-J1) | : 0.7 ohms Max. |
| (P6-P8)=(P8-P3) | : 0.3 ohms Max. |
| (P2-P7)=(P7-P1) | : 0.3 ohms Max. |
| 6.0 DIELECTRIC WITHSTAND (P6,P3) TO (J6,J3) | : 1500Vrms |
| (P2,P1) TO (J2,J1) | : 1500Vrms |



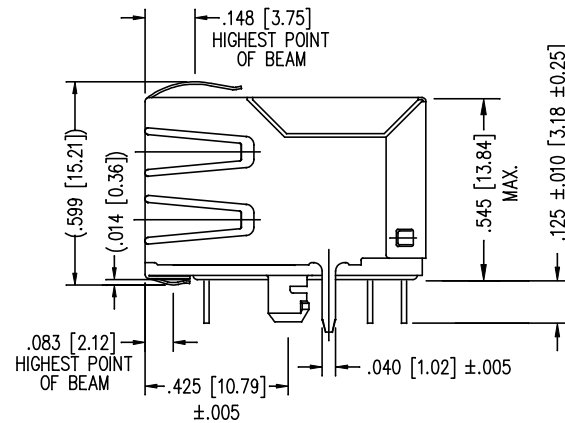
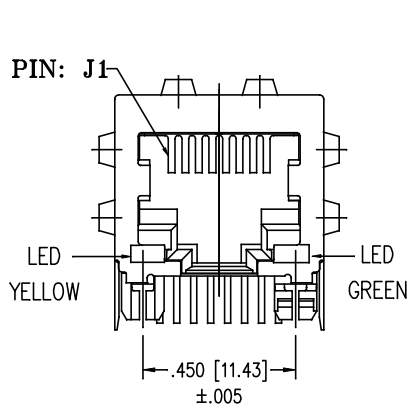
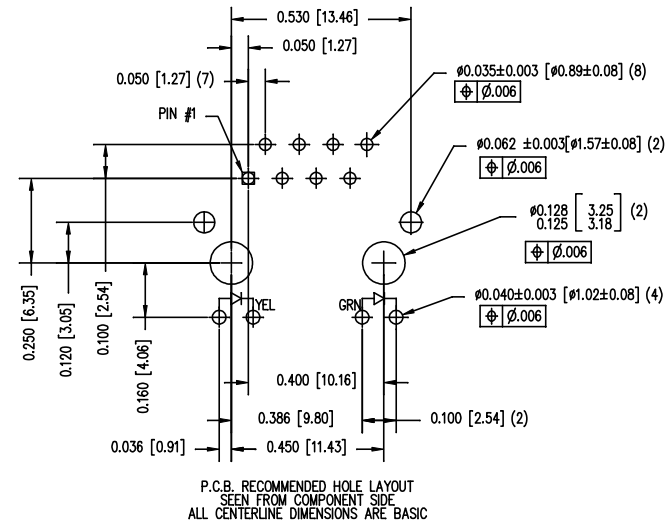
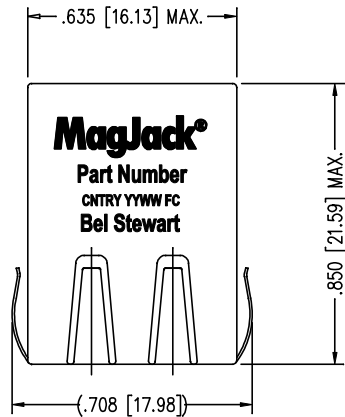
NOTES

- 1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.
- 2.0 Ref. MG06

| | | | | | | | |
|---------------|----------|---|------------------------|---------------|------------------------------|-----------|---------------------------------------|
| ORIGINATED BY | DATE | TITLE | PART NO. / DRAWING NO. | STANDARD DIM. | [] METRIC DIM. AS REFERENCE | | COMPONENTS FOR A CONNECTED PLANET |
| ZL WANG | 10-27-09 | MagJack® 10BT TAB DOWN, SHIELDED | SI-60148-F | TOL. IN INCH | UNIT : INCH [mm] | REV. : X1 | |
| DRAWN BY | DATE | | FILE NAME | .X | SCALE : N/A | SIZE : A4 | |
| RS ZHANG | 10-27-09 | | SI-60148-F.DWG | .XX | | PAGE : 2 | |
| | | | | .XXX | | | ±0.005 |

THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

RoHS
2002/95/EC



| 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)

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 ±.005 [0.13]
- WAVE SOLDER COMPATIBLE - PREHEAT 125°C/90SECS.

| | |
|---------------|----------|
| ORIGINATED BY | DATE |
| ZL WANG | 10-27-09 |
| DRAWN BY | DATE |
| RS ZHANG | 10-27-09 |

| | |
|-------|---|
| TITLE | MagJack® 10BT TAB DOWN, SHIELDED |
|-------|---|

| | |
|------------------------|----------------|
| PART NO. / DRAWING NO. | SI-60148-F |
| FILE NAME | SI-60148-F.DWG |

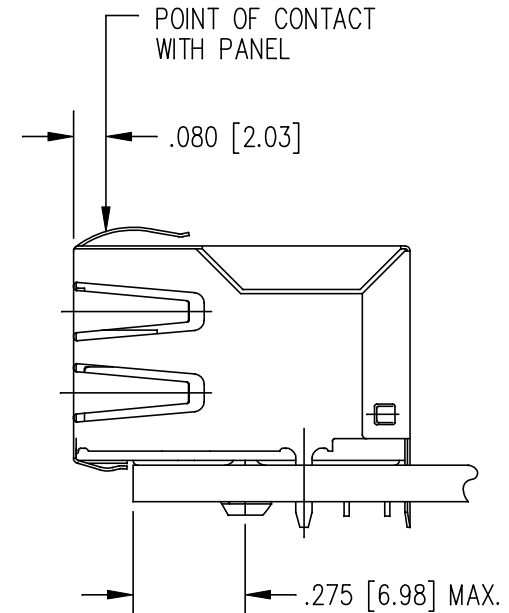
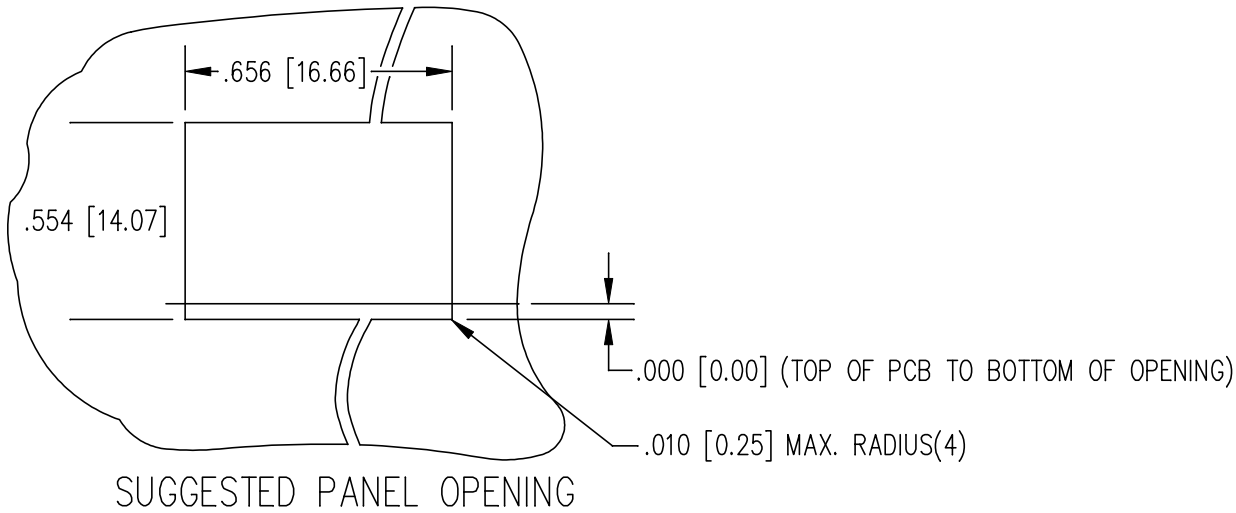
| | |
|---------------|------------------------------|
| STANDARD DIM. | [] METRIC DIM. AS REFERENCE |
| TOL. IN INCH | UNIT : INCH [mm] |
| .X | SCALE : N/A |
| .XX | REV. : X1 |
| .XXX | SIZE : A4 |
| ±0.005 | PAGE : 3 |

| | |
|------------------|-----------|
| UNIT : INCH [mm] | REV. : X1 |
| SCALE : N/A | SIZE : A4 |
| PAGE : 3 | |



THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

RoHS
2002/95/EC



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 ± 0.005 [0.13]

| | | | | | | |
|---------------------------------|-------------------------|--|---|-------------------------------|------------------------------|---|
| ORIGINATED BY ZL WANG | DATE 10-27-09 | TITLE MagJack® 10BT TAB DOWN, SHIELDED | PART NO. / DRAWING NO. SI-60148-F | STANDARD DIM. TOL. IN INCH | [] METRIC DIM. AS REFERENCE | bel COMPONENTS FOR A CONNECTED PLANET |
| DRAWN BY RS ZHANG | DATE 10-27-09 | FILE NAME SI-60148-F.DWG | .X | UNIT : INCH [mm] | REV. : X1 | |
| | | | .XX | SCALE : N/A | SIZE : A4 | |
| | | | .XXX | ± 0.005 | PAGE : 4 | |