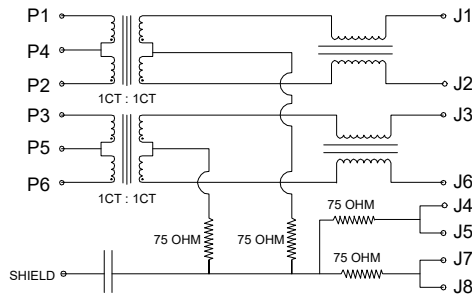
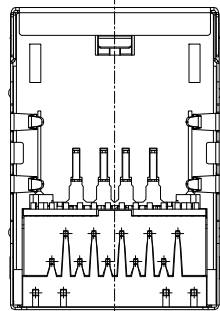


NOTES:
 MECHANICAL HOUSING & INSERT : THERMOPLASTIC UL94 V-0
 CONTACT : COPPER ALLOY
 PLATING : SELECTIVE GOLD 6u" MIN. IN CONTACT AREA
 SHIELD : SUS304
 USB : THERMOPLASTIC UL94V-0 CONTACT AREA 6u" GOLD PLATING MIN.

ENVIRONMENTAL STORAGE : -40°C ~ +85°C
 OPERATION : 0°C ~ +70°C

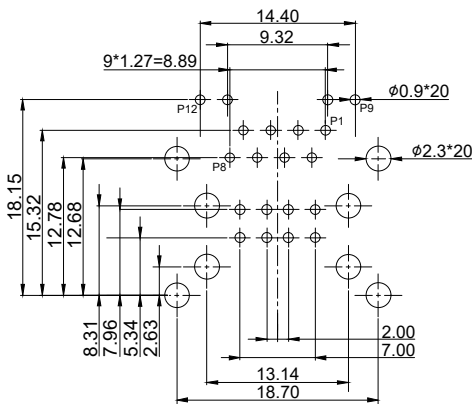
A
B
C
D

A
B
C
D

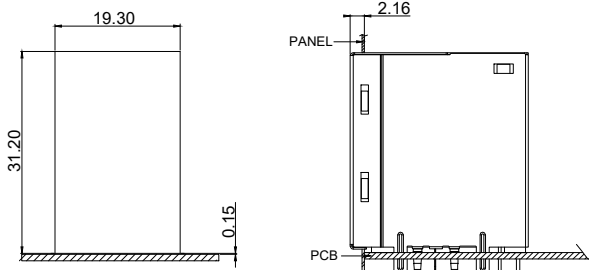
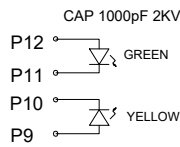


CIRCUIT SCHEMATIC

| PARAMETER | SPECIFICATIONS |
|---------------------------------|--|
| TURN RATIO @100KHz | (P1~P2):(J1~J2) = 1:1±5% (P3~P6):(J3~J6) = 1:1±5% |
| PRIMARY INDUCTANCE | 350uH Min. @100KHz, 0.1V 8mA DC BIAS |
| DC RESISTANCE | (J1~J2):(J3~J6) 1.2 OHMS Max. |
| INSERTION LOSS | 1-100MHz -1.2dB Max. |
| RETURN LOSS | 1-30MHz -16dB Min. |
| | 30-60MHz -12dB Min. |
| | 60-80MHz -10dB Min. |
| CROSS TALK | 1-100MHz -30dB Min. |
| COMMON MODE REJECTION RATIO | 1-100MHz -30dB Min. |
| ISOLATION PHY SIDE TO LINE SIDE | 1500V AC OR 2250V DC |



RECOMMENDED PCB LAYOUT



RECOMMENDED PANEL OPENING

| | | | |
|------------|-------------------|----------------------------------|--------|
| | | UNIT | mm |
| | | REVISION | A |
| PRODUCT | | RJ45 + USB ICM 10/100 Base-T | |
| DWG NO. | EZ101SU-108N21-01 | PART NO. | |
| PROJECTION | SCALE | SHEET | 1 OF 1 |
| | | TOLERANCES | |
| | | ±0.10 UNLESS OTHERWISE SPECIFIED | |

1 2 3 4 5 6