



RECOMMENDED PCB LAYOUT

NOTES:

MECHANICAL

- HOUSING & INSERT : PBT UL94-0
- CONTACT : PHOSPHOR BRONZE Ø0.46mm
- CONTACT PLATING : GOLD PLATING OVER NICKEL
- MATING/UNMATING FORCE : 20N Max.
- RETENTION STRENGTH : 30N FOR 60s±5s
- DURABILITY : 750 CYCLES MIN.

ELECTRICAL

- VOLTAGE RATING : 150V AC RMS.
- CURRENT RATING : 1.5 AMPS @25
- CONTACT RESISTANCE : 20mΩ Max.
- INSULATION RESISTANCE : 1000MΩ Min. @500V DC
- WITHSTAND VOLTAGE : 1000V DC OR AC PEAK, ONE CONTACT TO ALL OTHER CONTACTS CONNECTED TOGETHER @0.5mA 50Hz OR 60Hz ONE MINUTE

ENVIRONMENTAL

- STORAGE TEMPERATURE : -40°C~+85°C
- OPERATION TEMPERATURE : -40°C~+85°C

|                  |       |                          |        |
|------------------|-------|--------------------------|--------|
|                  |       | UNIT                     | mm     |
|                  |       | REVISION                 | 12     |
| PRODUCT          |       | RJ45 1×1 SIDE ENTRY JACK |        |
| DWG NO.          |       | PART NO.                 |        |
| EZC1145-18N11-03 |       |                          |        |
| PROJECTION       | SCALE | SHEET                    | 1 OF 1 |
|                  |       |                          |        |

TOLERANCES  
 00~15 ± 0.15  
 15~30 ± 0.20  
 30~ ± 0.25  
 ANGLES ± 1°