



RECOMMENDED PCB LAYOUT  
GENERAL TOLERANCES:  $\pm 0.05$

- NOTE:
- 1. Material:
    - Housing: Thermoplastics, UL94V-0 (ROHS, HF)
    - Contact: Phosphor Bronze C5191-EH/C2680-EH, T=0.25mm
    - Shell: COPPER ALLOY T=0.30mm
  - 2. FINISH:
    - Contact: 15u" Gold Plated on Contact Area,  
80u" Min. Tin Plated on Solder Area
    - 50u" Min. Nickel Underplating Over ALL.
    - Shell: 50u" Min. Nickel Underplating Over ALL.
  - 3. Specification:
    - 3.1: Rating:
      - Rated voltage 500V AC/DC. Rated current: 2 A Max.
    - 3.2: Electrical:
      - Insulation Resistance(EIA-364-21):  
1000M  $\Omega$  Min. at 500V/DC for 1Minute.
      - Contact Resistance(EIA-364-23):  
30 m $\Omega$  Max. at 20mV Max, 50mA
      - Dielectric Withstanding Voltage(EIA-364-20):  
No discharge, flashover or breakdown at 500V/AC 1Minute
    - 4. Plug extraction force shall be between 1.0kgf and 2.00kgf
    - 5. Contact finish:
      - 01: Selective Gold Flash
      - 02: Selective Gold 3U"
      - 03: Selective Gold 5U"
      - 04: Selective Gold 15U"
      - 05: Selective Gold 30U"

### EAST-USB2G1XOPX1R

1: 铁壳镀镍  
5: 铜壳镀镍

1: 吸塑盒  
B: 黑色  
W: 白色  
P: PBT  
L: LCP

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

X	$\pm 0.38$
X X	$\pm 0.25$
X.XXX	$\pm 0.10$
X.XXX Angle	$\pm 1^\circ$

CUSTOMER  
COPY

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DRAWN: CHENLEI  
CHECKED: CHENLEI  
DATE: 2017/09/10

APPROVED: QINXING  
DATE: 2017/09/10

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PART NO: EAST-USB2G1XOPX1R  
UNIT: mm  
SCALE: N/A  
SHEET: 1/1

REV.	ECN NO.	MODIFY MATTER	DATE	APPROVED
A		RELEASE TO PRODUCTION		