



RECOMMENDED PCB LAYOUT
GENERAL TOLERANCES: ±0.05

MAPX	MODIFICATION	DATE
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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):
1000MΩ Min. at 500V/DC for 1Minute.
Contact Resistance (EIA-364-23):
30 mΩ 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"

???		深圳市精拓金电子有限公司							
PRODUCT CHART DWG		??	MM	??	Z-Y-B	????	905-662A202S10201		
TOLERANCE UNLESS OTHERWISE		??	1:1	??	??	????	AF10.0沉板四脚无边铜壳LCP黑胶贴唛啦		
X.	±0.15	X.	±5°	??	??	PRODUCT NO	??	??	AD
.X	±0.10	.X	±2°	??	??	VIEW	??	??	AD
.XX	±0.05	.XX	±1°	??	??	VER	??	??	AD
.XXX	±0.03	.XXX	±0.5°	DATE	2014.11.1	APPD	??	??	AD