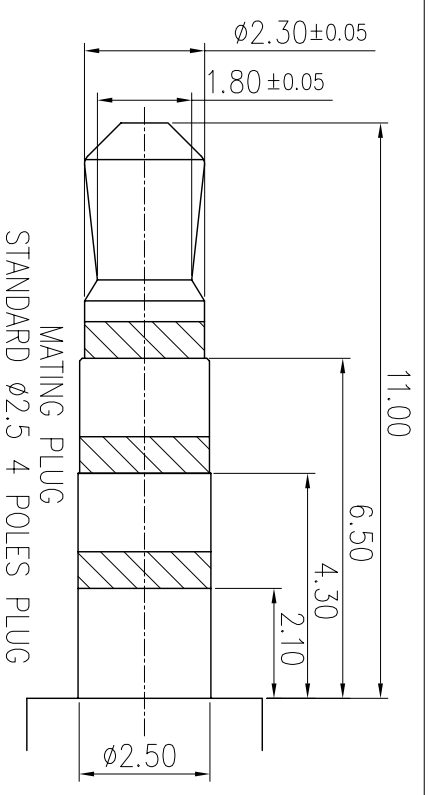


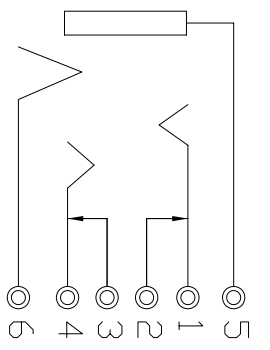
- SPECIFICATIONS:
1. ELECTRICAL CHARACTERISTICS:
- 1-1. RATING: 12V/1A
  - 1-2. CONTACT RESISTANCE: 50mΩ MAX.(INITIAL)
  - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
  - 1-4. INSULATION RESISTANCE: 100M ΩMIN. MEASURED BY 500V DC
2. MECHANICAL CHARACTERISTICS:
- 2-1. INSERTION FORCE : 0.4~3.0 Kgf
  - 2-2. WITHDRAWAL FORCE : 0.3~3.0 Kgf
  - 3. LIFE TEST: 5,000 CYCLES.
  - 4. OTHER GENERAL SPEC. TO REFER "2SJ-A427 SERIES".
  - 5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
  - 6. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING.
  - 7. FOR REFLOW SOLDERING LEAD-FREE PROCESS.



Recommended Pad Layout <TOP VIEW> (TOLERANCE: ±0.05)



**SCHEMATIC**



REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	Weijie Zeng	2017.08.16

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
A	HOUSING	1	HIGH TEMP.THERMOPLASTIC UL 94V-0	BLACK
B	RING SPRING A	1	COPPER ALLOY 0.2t	GOLD FLASH
C	SHUNT TERMINAL-B	1	COPPER ALLOY 0.2t	GOLD FLASH
D	SHUNT TERMINAL-A	1	COPPER ALLOY 0.2t	GOLD FLASH
E	TIP SPRING	1	COPPER ALLOY 0.2t	GOLD FLASH
F	EARTH	1	COPPER ALLOY 0.2t	GOLD FLASH
G	RING SPRING B	1	COPPER ALLOY 0.2t	GOLD FLASH

Singatron Enterprise Co., Ltd.  
信音企業股份有限公司

DECIMALS:	ANGLES:
X : ±0.5	X : ±2°
X.X : ±0.3	X.X : ±1°
X.XX : ±0.2	

TITLE	Ø2.5 PHONE JACK (SMT)		
DWN	weijie-Zeng	PART NO.	2SJ-A427-005
CHKD	Qicai-Hu	SCALE	7:1
APVD	Zife-Zhou	UNIT:	mm
	17/08/29	SIZE:	A3
	17/08/29	SHEET:	10F1
		REV:	A