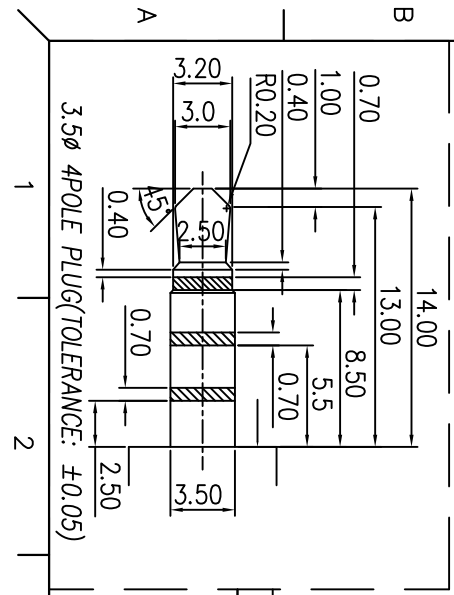
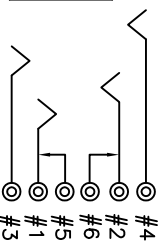


- SPECIFICATIONS:**
- 1. ELECTRICAL CHARACTERISTICS:**
- 1-1. RATING: 12V 1A
  - 1-2. CONTACT RESISTANCE: 30mΩ MAX(BEFORE).
  - 1-3. DIELECTRIC VOLTAGE WITHSTAND: 500V AC FOR ONE MINUTE
  - 1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC
- 2. MECHANICAL CHARACTERISTICS:**
- 2-1. INSERTED FORCE : 3.0 KGf MAX.
  - 2-2. WITHDRAWAL FORCE : 0.3~3.0 KGf
- 3. LIFE TEST: 5,000 CYCLES MIN.**
- 4. TO CONFORM TO THE SINGATRON HSF SPECIFICATION.**
- 5. HALOGEN FREE PRODUCT IDENTIFICATION MARK: ●**
- 6. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING: ●**
- 7. FOR REFLOW SOLDERING LEAD-FREE PROCESS. ●**
- 8. PACKAGING: TAPE & REEL. ●**



**SCHEMATIC**



RECOMMENDED P.C.B. LAYOUT  
TOP VIEW (TOLERANCE: ±0.05)

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	Sticky	2011.09.07
B	ECN No: C110323 Modify body and add mylar	Billy	2011.11.10

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
A	BODY	1	HI-TEMP THERMOPLASTIC	BLACK
B	SHUNT-A	1	COPPER ALLOY 0.2t	Au 0.025~0.075u m
C	TIP	1	COPPER ALLOY 0.2t	Au 0.025~0.075u m
D	RING-B	1	COPPER ALLOY 0.2t	Au 0.025~0.075u m
E	RING-A	1	COPPER ALLOY 0.2t	Au 0.025~0.075u m
F	SHUNT-B	1	COPPER ALLOY 0.2t	Au 0.025~0.075u m
G	EARTH	1	COPPER ALLOY 0.2t	Au 0.025~0.075u m
H	MYLAR	1	MYLAR 0.075T	

UNLESS OTHERWISE SPECIFIED TOLERANCES

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

**Singatron Enterprise Co., Ltd.**  
信晉企業股份有限公司

Part No: 2S12321-010111F  
Scale: 3:1  
Unit: mm  
Size: A3  
Sheet: 10F1  
Rev: B

**CUSTOMER COPY**