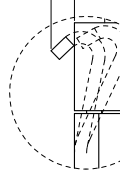
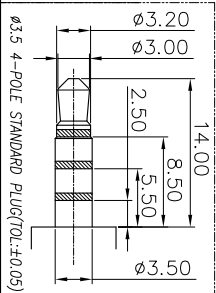
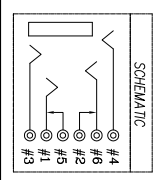
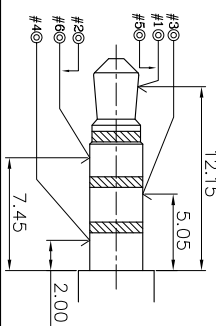


MATING PLUG SCHEMATIC

RECOMMENDED P.C.B. LAYOUT T=1.20 TOP VIEW (TOLERANCE: ±0.05)



Product application:  
The spring working position when Plug-In.



- SPECIFICATIONS:
1. ELECTRICAL CHARACTERISTICS:
- 1-1. RATING: 12V 1A
  - 1-2. CONTACT RESISTANCE:  $30m\Omega$  MAX. (INITIAL)
  - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
  - 1-4. INSULATION RESISTANCE:  $100M\Omega$  MIN. MEASURED BY 500 VDC
2. MECHANICAL CHARACTERISTICS:
- 2-1. INSERTION FORCE : 0.30~3.0kgf
  - 2-2. WITHDRAWAL FORCE : 0.30~3.0kgf
  - 3. LIFE TEST: 5,000 CYCLES.
  - 4. OTHER GENERAL SPEC. TO REFER "GENERAL SPEC."
  - 5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
  - 6. HALOGEN FREE PRODUCT IDENTIFICATION MARK:
  - 7. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING.
  - 8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
  - 9. PACKAGING: TAPE & REEL.



G	SHUNT-B	1	COPPER ALLOY 0.20t	
F	SHUNT-A	1	COPPER ALLOY 0.20t	
E	RING-B	1	COPPER ALLOY 0.20t	Gold Flash On Contact
D	TIP SPRING	1	COPPER ALLOY 0.20t	Area & Solder tail, All over Nickel Plated.
C	RING-A	1	COPPER ALLOY 0.20t	
B	EARTH	1	COPPER ALLOY 0.20t	
A	BODY	1	HIGH TEMP. THERMOPLASTIC U94-10	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES				
DECIMALS:		ANGLES:		
X	: ±0.5	X	: ±2°	
X	: ±0.3	X	: ±1°	
X	: ±0.2	X	: ±0.2	
TITLE:  Singatron Enterprise Co., Ltd. 信登企業股份有限公司				
PART NO. 2512401-005111P				
SCALE: 5:1 UNIT: mm				
SHEET: 10F1 REV: A				
CUSTOMER COPY				

REV. ECN NO OR DESCRIPTION	REVISED	DATE
A PRODUCT RELEASE	ARES	2014.1.17