



- SPECIFICATIONS:
1. INSULATION RESISTANCE BETWEEN ANY ADJACENT OPEN CIRCUIT TERMINAL SHELL NOT BE LESS THAN 100MΩ MEASURED BY 500 VDC MEGGER.
 2. CONTACT RESISTANCE: 30mΩ MAX.
 3. INSULATION VOLTAGE WITHSTAND: 500V AC FOR ONE MINUTE.
 4. UNLESS OTHERWISE SPECIFIED, TEST IS TO BE MADE AT 5-35°C IN TEMPERATURE AND 45-85% IN HUMIDITY. BUT, IF ANY VAGUE DATA IS OCCURED ON TEST RESULT, ANOTHER TEST SHALL BE MADE AT 20°C±2°C IN TEMP., 60-70% IN HUMIDITY.
 5. LIFE TEST: 5,000 CYCLES MIN. (NON-LOAD)
 6. INSERTION FORCE: 0.4 - 3Kg.
 7. WITHDRAWAL FORCE: 0.3 - 2Kg.
 8. AFTER LIFE TEST, CONTACT RESISTANCE: 50mΩ MAX.
 9. AFTER HUMIDITY TEST, INSULATION RESISTANCE: 50MΩ MIN.
 10. METAL, EARTH AND SHIELDING MUST BE CONDUCT.
 11. MARKING: MARK "S" ON TOP OF CONNECTOR.
 12. PACKAGING: TAPE & REEL.
 13. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 14. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
 15. HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING:
 16. FOR LEAD-FREE PROCESS.

- | ITEM NO. | DESCRIPTION | QTY | MATERIAL | PLATING & COLOR |
|----------|-------------------|-----|----------------------------------|--|
| I | METAL | 1 | BRASS | Ni.5um ALL PLATING |
| H | SHIELDING | 1 | PHOSPHOR BRONZE 0.2t | Ni.5um ALL PLATING |
| G | TRANSFER TERMINAL | 1 | PHOSPHOR BRONZE 0.2t | 120" Sn ON SOLDER GOLD FLASH ON CONTACT AREA ALL OVER 300" Ni. |
| F | BREAK TERMINAL | 1 | PHOSPHOR BRONZE 0.2t | |
| E | SHUNT TERMINAL-A | 1 | BRASS 0.25t | |
| D | RING SPRING | 1 | PHOSPHOR BRONZE 0.2t | Ag0.5 um Min. ALL OVER 300" Ni. |
| C | TIP SPRING | 1 | PHOSPHOR BRONZE 0.25t | |
| B | EARTH | 1 | PHOSPHOR BRONZE 0.2t | |
| A | BODY | 1 | HIGH TEMP-THERMOPLASTIC UL 94V-0 | BLACK COLOR |

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES				
DECIMALS: ANGLES:				
X	:±0.5	X	:±2	
X.X	:±0.3	X.X	:±1'	
X.XX	:±0.2			

REV	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: T080926-1A	BRUCE	2008.10.29

Singatron Enterprise Co., Ltd. 信登企業股份有限公司		3.5Φ PHONE JACK PART NO. 2SF-S951-A04	
DRAWN	BRUCE	SCALE: 4:1	UNIT: mm
CHECKED	Lussen	SIZE: A3	SHEET: 1 OF 1
APVD	Max	REV: A	