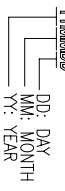


CIRCUIT:

PCB LAYOUT  
SOLDER SIDE

| REV. | ECN NO.  | OR DESCRIPTION | REVISED    | DATE |
|------|--|----------------|------------|------|
| C    | MODIFY DIM: 76 <sup>401</sup> 6.96 <sup>4015</sup>                 | BERYL          | 2003.02.13 |      |
| D    | ECN NO. 9200008<br>ECN NO. 9440067                                 | BERYL          | 2006.04.16 |      |
| E    | ECN NO. 1060242  | LAO            | 2006.08.14 |      |
| F    | ECN: C202003-R05 新增材料 25J-P521<br>P522/P524/P525-A03 新增材料 P523-A03 | Running        | 2020.03.24 |      |

1. INSULATION RESISTANCE TO BE NOT LESS THAN 50 MEGOHMS R.M.S. AT 250 VOLTS.  
 2. MAXIMUM CONTACT RESISTANCE 30 MILLIOMHS.  
 3. JACK SHALL WITHSTAND 250 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR 1 MINUTE.  
 4. JACK SHALL WITHSTAND 5000 CYCLES OF INSERTION AND WITHDRAWAL WITH MATE PLUG OR GAUGE PLUG AFTER TESTING CONTACT RESISTANCE SHALL NOT EXCEED 0.1 OHMS.  
 5. INSERTION FORCE  
 1) INITIAL: 0.3KG-2.5KG.  
 2) AFTER 5,000 CYCLES TEST: ±30% OF INITIAL VALUE.  
 6. WITHDRAWAL FORCE  
 1) INITIAL: 0.3KG - 2.5KG  
 2) AFTER 5,000 CYCLES TEST: ±30% OF INITIAL VALUE.  
 7. MEASURING CONDITIONS:  
 1) TEMPERATURE: FROM 5°C TO 40°C.  
 2) RELATIVE HUMIDITY: FROM 40% TO 85%  
 8. RESISTANCE TO SOLDERING HEAT:  
 LEADS TO BE IMMERSED IN MOLTEN SOLDER 260°C FOR 10 SECONDS @ 5.7mm FROM BODY WITH NO DEGRADATION OF ELECTRICAL OR MECHANICAL SPECIFICATION.  
 9. SOLDER HEAT RESISTANCE: WAVE SOLDERING 260°C 10 SECS.  
 10. TO CONFORM TO THE "SE-01-001" & "RHS DIRECTIVE"  
 11. GREEN PRODUCT IDENTIFICATION MARK IN JACK: **GREEN PASS**  
 12. GREEN PRODUCT IDENTIFICATION LABEL IN PACKING:  
 13. FOR WAVE SOLDERING LEAD-FREE PROCESS.  
 14. PRINTED DATE CODE "YMMDD" ON TOP OF CONNECTOR.



|                                       |                  |                         |                         |                        |
|---------------------------------------|------------------|-------------------------|-------------------------|------------------------|
| F                                     | GROUNDING SPRING | 1                       | STAINLESS STEEL 0.2T    | N/A                    |
| E                                     | COVER            | 1                       | HIGH TEMP THERMOPLASTIC | BLACK COLOR            |
| D                                     | RING SPRING      | 1                       | COPPER ALLOY 0.25T      | SILVER PLATING         |
| C                                     | TIP SPRING       | 1                       | COPPER ALLOY 0.3T       | SILVER PLATING         |
| B                                     | EARTH TERMINAL   | 1                       | BRASS 0.5T              | SILVER PLATING         |
| A                                     | BODY             | 1                       | HIGH TEMP THERMOPLASTIC | LIGHT BLUE COLOR(284C) |
| 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            |                         |                         |                        |
| TITLE                                 |                  | Ø3.5 PHONE JACK         |                         |                        |
| DWN                                   | Part No.:        | 25J-P523-A03            |                         |                        |
| CHKD                                  | Scale:           | 3/1 UNIT: mm            |                         |                        |
| APVD                                  | Size:            | A3 SHEET: 1 OF 1 REV: F |                         |                        |
| CUSTOMER COPY                         |                  |                         |                         |                        |

Singatron Enterprise Co., Ltd.  
信登企業股份有限公司