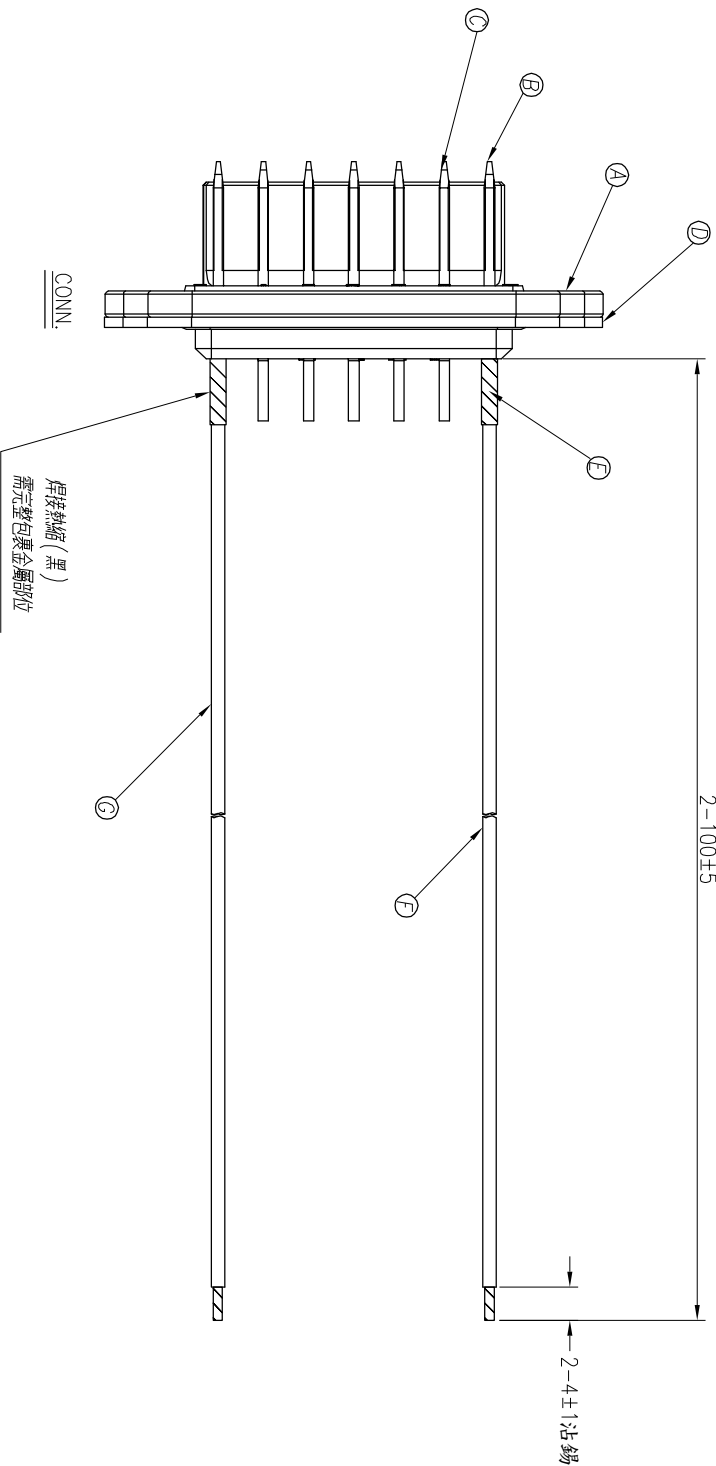
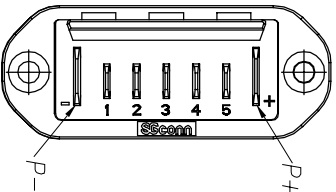


| REV. | ECN NO.           | OR DESCRIPTION | REVISED | DATE       |
|------|-------------------|----------------|---------|------------|
| A    | PDR NO:1210517-2B |                | LEI     | 2021.12.04 |



| P +     | RED        |
|---------|------------|
| 5       |            |
| 4       |            |
| 3       |            |
| 2       |            |
| 1       |            |
| P -     | BLACK      |
| CONN.   | WIRE COLOR |
| PIN OUT |            |



- SPECIFICATIONS:FOR ONLY SINGATRON CONN.
1. ELECTRICAL CHARACTERISTICS:
- 1-1. RATING:DC60V,30A
- 1-2. CONTACT RESISTANCE: 20mΩ MAX.(FOR CONNECTOR)
2. MECHANICAL CHARACTERISTICS:
- 2-1. INSERTION/WITHDRAWL FORCE : 6N~80N
3. TEMPERATURE RISE CAN'T EXCEED 30℃ (FOR CONNECTOR)
4. LIFE TEST: 4000 CYCLES MIN.
5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
6. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **GR-PAAS**

Pin Assignments  
Front View

|                                       |                  |       |               |                              |
|---------------------------------------|------------------|-------|---------------|------------------------------|
| G                                     | WIRE             | 1     | UL3239 12AWG  | BLACK                        |
| F                                     | WIRE             | 1     | UL3239 12AWG  | RED                          |
| E                                     | HEAT SHRINK TUBE | 2     | L=(25)        | BLACK                        |
| D                                     | GASKET           | 1     | RUBBER        | BLACK                        |
| C                                     | SIGNAL TERMINAL  | 5     | BRASS         | Ni PLATING                   |
| B                                     | POWER TERMINAL   | 2     | BRASS         | Ni PLATING                   |
| A                                     | HOUSING          | 1     | THERMOPLASTIC | BLACK                        |
| NO                                    | DESCRIPTION      | QTY   | MATERIAL      | PLATING & COLOR              |
| UNLESS OTHERWISE SPECIFIED TOLERANCES |                  |       |               |                              |
| DECIMALS:                             | ANGLES:          | TITLE |               |                              |
| X :±0.5                               | X :±2°           | DMN   | LEI           | PART NO. 2BW3021-W07R03H     |
| X.X :±0.3                             | X.X :±1°         | CHKD  | JF            | SCALE:2:1 UNIT: mm           |
| X.XX :±0.2                            |                  | APVD  | JF            | SIZE: A3 SHEET:1 OF 1 REV: A |
| CUSTOMER COPY                         |                  |       |               |                              |

Suzhou Singatron Auto Electronics CO.,LTD.  
蘇州信音汽車電子有限公司