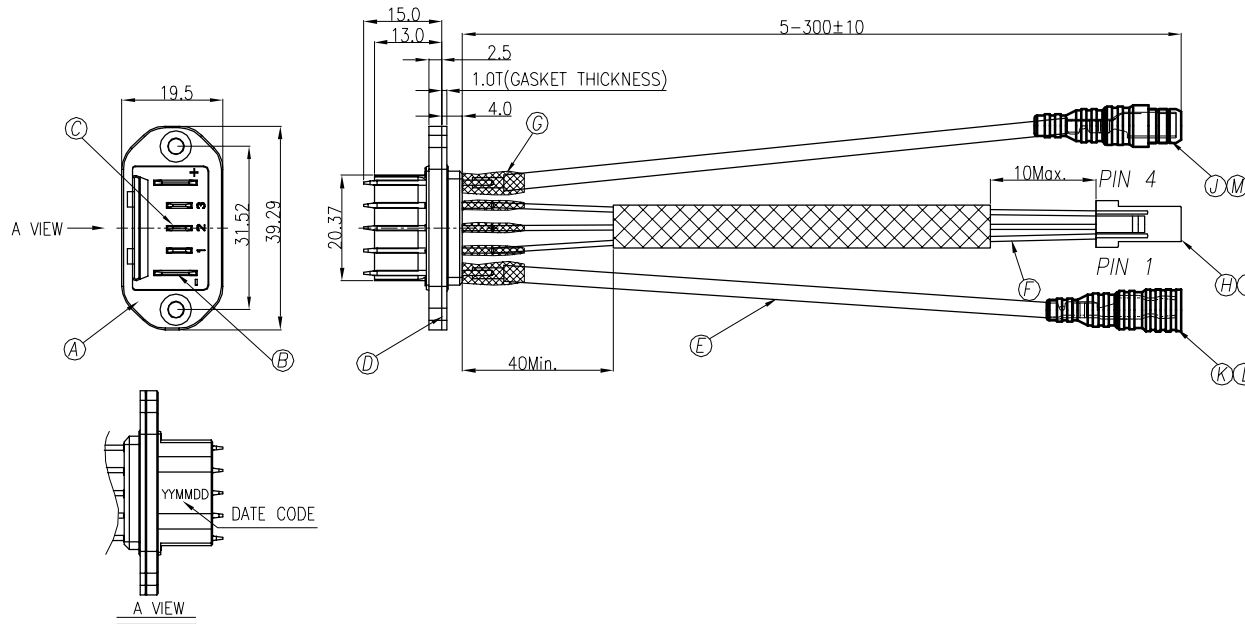


| REV. | ECN NO OR DESCRIPTION | REVISED | DATE       |
|------|-----------------------|---------|------------|
| A    | PDR NO.:A201029-3A    | Jun     | 2021.09.28 |

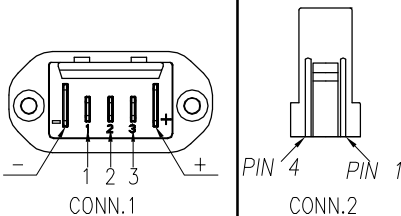


#### SPECIFICATIONS:

- ELECTRICAL CHARACTERISTICS:
  - 1-1. RATING:DC48V,20A
  - 1-2. CONTACT RESISTANCE: 20mΩ MAX.(FOR CONNECTOR)
  - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
  - 1-4. INSULATION RESISTANCE: 50MΩ MIN. MEASURED BY 500 VDC
- MECHANICAL CHARACTERISTICS:
  - 2-1. INSERTION/WITHDRAWL FORCE : 6N~60N
- TEMPERATURE RISE CAN'T EXCEED 30°C (FOR CONNECTOR)
- LIFE TEST: 1500 CYCLES MIN.
- TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
- GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **G.P. PASS**

|        |                       |        |
|--------|-----------------------|--------|
| +      | RED(14AWG,SILICONE)   |        |
| 3      | GREEN 24AWG           | 3      |
| 2      | YELLOW 24AWG          | 1      |
| 1      | RED 24AWG             | 2      |
| -      | BLACK(14AWG,SILICONE) |        |
| CONN.1 | WIRE SPEC.            | CONN.2 |

#### PIN OUT



Pin Assignments  
Front View

| M  | 護套 2             | 1   | BBS-01-0504B    | WHITE           |
|----|------------------|-----|-----------------|-----------------|
| L  | 護套 1             | 1   | BBS-01-0504A    | WHITE           |
| K  | 子彈頭 2            | 1   | DJ211-4.5A      | N/A             |
| J  | 子彈頭 1            | 1   | DJ221-4.5A      | N/A             |
| I  | HOUSING          | 1   | 04R-JWPF-VSLE-S | WHITE           |
| H  | TERMINAL         | 3   | SWPR-001R-P025  | N/A             |
| G  | HEAT SHRINK TUBE | 6   | POLYOLEFIN      | BLACK           |
| F  | WIRE             | 3   | UL1007 24AWG    | SEE PIN OUT     |
| E  | WIRE             | 2   | 14AWG,SILICONE  | BLACK&RED       |
| D  | GASKET           | 1   | RUBBER          | BLACK           |
| C  | SIGNAL TERMINAL  | 3   | 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



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

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

| TITLE | MALE BATTERY CONN. HARNESS |                                 |              |
|-------|----------------------------|---------------------------------|--------------|
| DWN   | Jun                        | <b>PART NO. 2BW3021-W05R05H</b> |              |
| CHKD  | RZ                         | SCALE:N/A                       | UNIT: mm     |
| APVD  | JF                         | SIZE: A3                        | SHEET:1 OF 1 |

**REV: A**