



REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
A	PDR NO.:	A180322-1B	CERRY	2019.01.17
B	ECN NO.:	S202011-C25	JY	2020.12.21

SPECIFICATIONS:

- 1. ELECTRICAL CHARACTERISTICS:**
- 1-1. RATING: DC48V/30A
 - 1-2. CONTACT RESISTANCE: 2 Ω MAX.(WITH CABLE)
 - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
 - 1-4. INSULATION RESISTANCE: 50M Ω MIN. MEASURED BY 500 VDC
- 2. MECHANICAL CHARACTERISTICS:**
- 2-1. INSERTION/WITHDRAWAL FORCE : 0.6 kgf Min. (INITIAL)
- 3. TEMPERATURE RISE CAN'T EXCEED 50°C (ONLY FOR CONNECTOR SIDE)**
- 4. LIFE TEST: 5000 CYCLES MIN.**
- 5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.**
- 6. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: GR_PASS**
- 7. MATCH WITH SINGATRON BATTERY FEMALE CONN.2BA3W01-000114H**
- 8. WATERPROOF RATING: IPX7(WHEN PROPERLY MATED)**

F	OVER MOLD	1	PLASTIC	BLACK
E	INNER MOLD	1	PLASTIC	NATURE
D	GASKET	1	SILICONE	BLACK
C	CABLE	1	2*2.5mm ² PVC	BLACK
B	DISCHARGE PIN	2	BRASS	4g 60° Min OVER 500° Ni.
A	HOUSING	1	THERMOPLASTIC	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

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

TITLE BATTERY DISCHARGE CONN. WITH CABLE

DWN Jy PART NO. 2BW3100-104111H

CHKD Cerry SCALE 2:1 UNIT: mm

APVD William SIZE: A3 SHEET: 1 OF 1 REV: B

CUSTOMER COPY

DECIMALS: ANGLES:

X :±0.5 X :±2°

X.X :±0.3 X.X :±1°

X.XX :±0.2

NO.	WIRE COLOR	WIRE SPEC.	FUNCTION
Pin1	BROWN	2.5mm ²	+
Pin3	BLUE	2.5mm ²	-

Mark content: H05W-F 2*2.5 (V/D)