



REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
A	PDR NO: A180201-2B	JTT		2018.05.28
B	ECN NO: A190107-C	JTT		2019.04.16
C	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 60°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)

G	PIN2	3	BRASS	/
F	OVER MOLD	1	PLASTIC	BLACK
E	INNER MOLD	1	PLASTIC	NATURE
D	GASKET	1	SILICONE	BLACK
C	CABLE	1	2*2.5mm ² +3C*26AWG PVC	BLACK
B	DISCHARGE PIN1	2	BRASS	/
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

DECIMALS: ANGLES: DWN JY PART NO. 2BW3100-103111H

X.XX :±0.5 X :±2 CHKD Cery SCALE 2:1 UNIT: mm SHEET: 1 OF 1 REV: C

X.XX :±0.3 X.X :±1* APVD Wilcom SIZE: A3 SHEET: 1 OF 1 REV: C

X.XX :±0.2 CUSTOMER COPY

NO.	WIRE COLOR	WIRE SPEC.
Pin1	RED	2.5mm ²
Pin3	BLACK	2.5mm ²
Pin6	BLUE	26AWG
Pin7	YELLOW	26AWG
Pin8	BROW	26AWG