



NO.	WIRE COLOR	WIRE SPEC.
Pin1	RED	4mm ²
Pin2	BROWN	22AWG
Pin3	BLACK	4mm ²
Pin4	GREEN	22AWG
Pin5	PURPLE AND WHITE	22AWG
Pin6	PURPLE	22AWG
Pin7	WHITE	22AWG
Pin8	BLUE	22AWG

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:

- 1-1. RATING:DC60V,32A PEAK45A.
- 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/WITHDRAWL 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: **RoHS PASS**
- 7. MATCH WITH SINGATRON BATTERY FEMALE CONN.2BA3W01-011114H
- 8. WATERPROOF RATING: IPX7(WHEN PROPERLY MATED)



REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO:4200330-4A	LEI	2020.05.12
B	ECN NO: S20201-C25	JY	2020.12.21

I	HEAT SHRINK TUBE	4	φ1.6	BLACK
H	LIQUID GLUE	1	JA723A+B	BLACK
G	PIN2	6	BRASS	Gold flash PLATING, OVER 500 °M
F	OVER MOLD	1	PLASTIC	BLACK
E	INNER MOLD	1	PLASTIC	NATURE
D	GASKET	1	SILICONE	BLACK
C	CABLE	1	4.0mm*22C+(22AWG*(P+AL)) +22AWGX4C	BLACK
B	DISCHARGE PIN1	2	BRASS	Gold flash PLATING, OVER 500 °M
A	HOUSING	1	THERMOPLASTIC	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES				
Suzhou Singatron Auto Electronics CO.,LTD. 蘇州新格汽車電子有限公司				
TITLE BATTERY DISCHARGE CONN. WITH CABLE				
DWG JY PART NO. 2BW3100-W03D00H				
CHKD Cerry SCALE 2:1 UNIT: mm				
APVD William SIZE: A3 SHEET:1 OF 1 REV: B				
CUSTOMER COPY				