



NO.	WIRE COLOR	WIRE SPEC.	線長/度
Pin1	RED	4mm <sup>2</sup>	470mm
Pin3	BLACK	4mm <sup>2</sup>	350mm
Pin4	GREEN	22AWG	280mm
Pin5	PURPLE AND WHITE	22AWG	380mm
Pin6	PURPLE	22AWG	470mm
Pin7	WHITE	22AWG	470mm
Pin8	BLUE	22AWG	470mm

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO:A190325-4A	RZ	2019.07.17
B	ECN NO: S202011-C25	JY	2020.12.21

- SPECIFICATIONS:**
- 1. ELECTRICAL CHARACTERISTICS:**
- 1-1. RATING:DC60V,32A PEAK/45A.
  - 1-2. CONTACT RESISTANCE: 2.0 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 EXCEE 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.2B43W01-002114H
  - 8. WATERPROOF RATING: IPX7(WHEN PROPERLY MATED)

H	LIQUID GLUE	1	JA723A+B	BLACK
G	PIN2	5	BRASS	Sold Fresh PLATING, OVER 500 ° MIN
F	OVER MOLD	1	PLASTIC	BLACK
E	INNER MOLD	1	PLASTIC	NATURE
D	GASKET	1	SILICONE	BLACK
C	CABLE	1	4.0mm <sup>2</sup> X2C+(22AWG*1P+AL)+22AWGX3C+F+棉紙 XLPVC	BLACK
B	DISCHARGE PIN1	2	BRASS	Sold Fresh PLATING, OVER 500 ° MIN
A	HOUSING	1	THERMOPLASTIC	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES		蘇州信營汽車電子有限公司	
DECIMALS:		ANGLES:	
X	:±0.5	X	:±2°
X.X	:±0.3	X.X	:±1°
X.XX	:±0.2		
TITLE		BATTERY DISCHARGE CONN. WITH CABLE	
DWN	JY	PART NO.	2BW3100-108111H
CHKD	Cerry	SCALE	2:1
APVD	William	SIZE: A3	SHEET: 1 OF 1
CUSTOMER COPY		REV:	B