



SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:

- 1-1. RATING:DC60V,32A PEAK45A.
- 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 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-PLUS**
- 7. MATCH WITH SINGATRON BATTERY FEMALE CONN.2BA3W01-002114H
- 8. WATERPROOF RATING: IPX7(WHEN PROPERLY MATED)

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

TWIST

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO:A191217-1A	JTT	2020.03.11
B	ECN NO: S202011-C25	JY	2020.12.21

H	PIN2	5	BRASS	Ag 200" Min Over Nickel Plating
G	OVER MOLD	1	PLASTIC	BLACK
F	INNER MOLD	1	PLASTIC	NATURE
E	绝缘	1	NA	BLACK
D	GASKET	1	SILICONE	BLACK
C	CABLE	1	4.0mm ² X2C+(22AWG*1P+AL)+22AWGX3C+F+棉纸 XLPVC	BLACK
B	DISCHARGE PIN1	2	BRASS	Ag 60u" Min OVER 50u" Ni
A	HOUSING	1	THERMOPLASTIC	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

Suzhou Singatron Auto Electronics CO.,LTD.
苏州信营汽车电子有限公司

DECIMALS: ANGLES:

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

TITLE: BATTERY DISCHARGE CONN. WITH CABLE
DW: JY PART NO. 2BW3100-112111H
CHKD: Cerry SCALE 2:1 UNIT: mm
APVD: William SIZE: A3 SHEET: 1 OF 1 REV: B

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