



MARKING:
4.0mm³X2C+22AWGX5C 105° 300V

REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
A	PDR NO:A4200709-3A		Vincent	2020.08.10
B	ECN NO:S202011-C25		JY	2020.12.21

SPECIFICATIONS:

- ELECTRICAL CHARACTERISTICS:
 - RATING:DC60V,32A PEAK45A.
 - CONTACT RESISTANCE: 2.0 MAX.(WITH CABLE)
 - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
 - INSULATION RESISTANCE: 50M Ω MIN. MEASURED BY 500 VDC
- MECHANICAL CHARACTERISTICS:
 - INSERTION/WITHDRAWL FORCE : 0.6 kgf Min. (INITIAL)
 - TEMPERATURE RISE CAN'T EXCEE 50°C (ONLY FOR CONNECTOR SIDE)
 - LIFE TEST: 5000 CYCLES MIN.
 - TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 - GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **OR-PASS**
 - MATCH WITH SINGATRON BATTERY FEMALE CONN.2B43W01-002114H
 - WATERPROOF RATING: IPX7(WHEN PROPERLY MATED)

NO.	WIRE COLOR	WIRE SPEC.	FUNCTION
Pin1	RED	4mm ²	正极
Pin3	BLACK	4mm ²	负极
Pin4	GREEN	22AWG	放电信号线
Pin5	PURPLE	22AWG	485A
Pin6	WHITE	22AWG	485B
Pin7	BLUE	22AWG	ACC充电信号
Pin8	PURPLE/WHITE	22AWG	充电信号线

H	LIQUID GLUE	1	JA723A+B	BLACK
G	PIN2	5	BRASS	Sold Fresh 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 ³ X2C+(22AWG*1P+AL) +22AWGX3C+F+棉纸 XLPVC	BLACK
B	DISCHARGE PIN1	2	BRASS	Sold Fresh 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. 苏州信管汽车电子有限公司				
TITLE		BATTERY DISCHARGE CONN. WITH CABLE		
DWN	JY	PART NO.	2BW3100-W07R01H	
CHKD	Cerry	SCALE	1:1	UNIT: mm
APVD	William	SIZE: A3	SHEET: 1 OF 1	REV: B
CUSTOMER COPY				