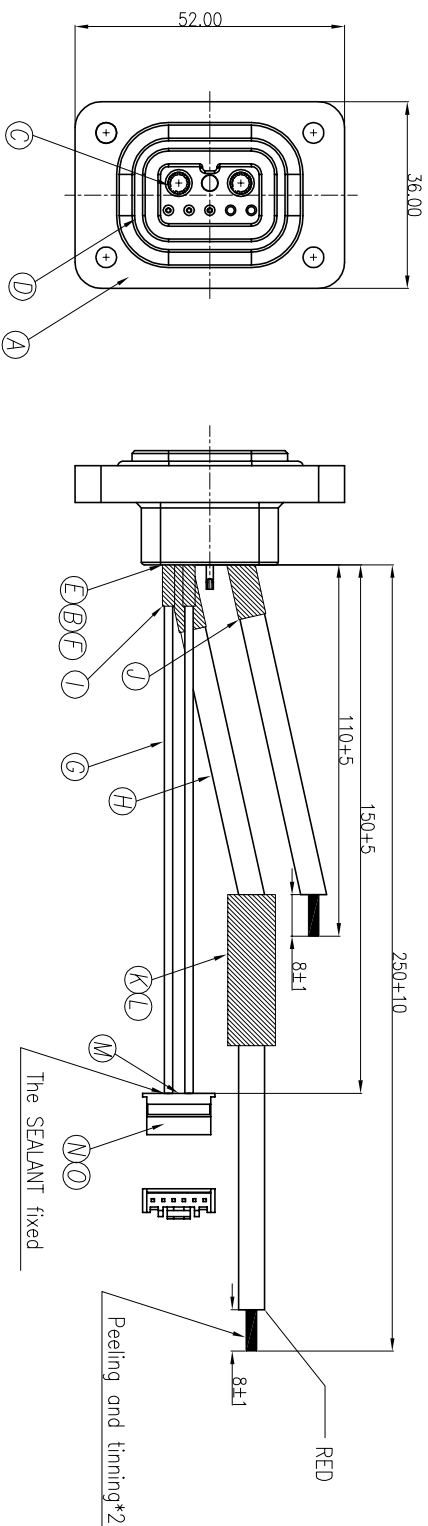


REV.	ECN NO. OR DESCRIPTION	REVISED	DATE
A	PDR NO:A190318-1A	JAY	2019.12.19



SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:

1-1. RATING:DC48V,30A

1-2. CONTACT RESISTANCE: DISCHARGE PIN:2mΩ MAX.

1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.

1-4. INSULATION RESISTANCE: 50MΩ 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℃ (ONLY FOR CONNECTOR SIDE)

4. LIFE TEST: 5000 CYCLES MIN.

5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.

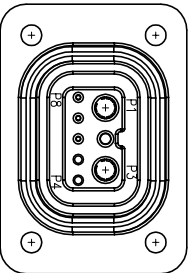
6. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **GREEN PASS**

7. MATCH WITH SINGATRON BATTERY MALE CONN.2BW3100 SERIES.

8. WATERPROOF LEVEL: IP56

9. P+/P- / fuse welding pull is not less than 80N,
communication wire welding tension is not less than 20N

8	RED(22#)	3
7	BLACK(22#)	4
3	BLACK	
1	RED	
CONN.1	WIRE COLOR	CONN.2



PIN DEFINE



PIN 1
PIN 6

PIN DEFINE

0	HOUSING	1	JST P/N:PAP-06V-S	WHITE
N	TERMINAL	2	JST SPHD-001T-P0.5	PHOSPHOR BRONZE
M	SEALANT	1	704	WHITE
L	THE FUSE	1	MIDI 50A 32V	BLACK
K	HEAT SHRINK TUBE	1	ø16 UL94 V-0	BLACK
J	HEAT SHRINK TUBE	2	ø5 UL94 V-0	BLACK
I	HEAT SHRINK TUBE	2	ø2 UL94 V-0	BLACK
H	WIRE2	3	YG 4MM²	RED/BLACK
G	WIRE1	2	UL1007 22AWG	RED/BLACK
F	PIN2	3	BRASS	Ag 20u" Min OVER 50u" Ni.
E	GLUE	1	/	BLACK
D	O-RING	1	SILICONE	BLUE
C	SPRING	2	COPPER ALLOY	Ag 20u" Min OVER 50u" Ni.
B	FEMALE PIN1	2	BRASS	Ag 60u" Min OVER 50u" Ni.
A	HOUSING	1	THERMOPLASTIC	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

Singatron Enterprise Co., Ltd.
信音企業股份有限公司

DECIMALS: ANGLES:

TITLE BATTERY FEMALE CONN.

X :±0.5 X :±2°

DWN JAY PART NO. 2BW3W01-00111H

X.X :±0.3 X.X :±1°

CHKD Cerry SCALE 2:1 UNIT: mm

X.XX :±0.2

APVD William SIZE: A3 SHEET:1 OF 1 REV: A

CUSTOMER COPY