



REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
A	PDR NO:	A171215-2C	JTT	2018.05.25
B	ECN NO.:	S202011-C25	JY	2020.12.21

SPECIFICATIONS:

- 1. ELECTRICAL CHARACTERISTICS:**
- 1-1. RATING: DC48V/30A
 - 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/WITHDRAWAL FORCE : 0.6 kgf Min. (INITIAL)
- 3. TEMPERATURE RISE CAN'T EXCEED 60°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.2BA3W01-000114H**
- 8. WATERPROOF RATING: IPX7(WHEN PROPERLY MATED)**

G	PIN2	1	BRASS	4g 200* Min OVER 500* Ni.
F	OVER MOLD	1	PLASTIC	BLACK
E	INNER MOLD	1	PLASTIC	NATURE
D	GASKET	1	SILICONE	BLACK
C	CABLE	1	2*2.5mm ² +0.14mm ² PVC	BLACK
B	DISCHARGE PIN1	2	BRASS	4g 600* Min OVER 500* Ni.
A	HOUSING	1	THERMOPLASTIC	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: ANGLES:

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

TITLE	BATTERY DISCHARGE CONN. WITH CABLE	
DWN	JY	PART NO. 2BW3100-101111H
CHKD	Cerry	SCALE 2:1 UNIT: mm
APVD	William	SIZE: A3 SHEET: 1 OF 1 REV: B
CUSTOMER COPY		

NO.	WIRE COLOR	WIRE SPEC.
Pin1	RED	2.5mm ²
Pin3	BLACK	2.5mm ²
Pin8	WHITE	0.14mm ²