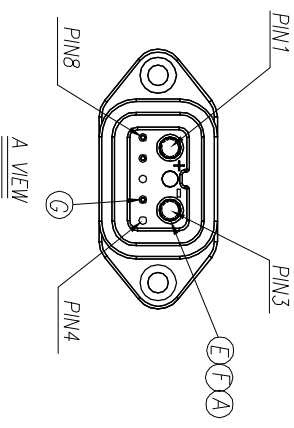
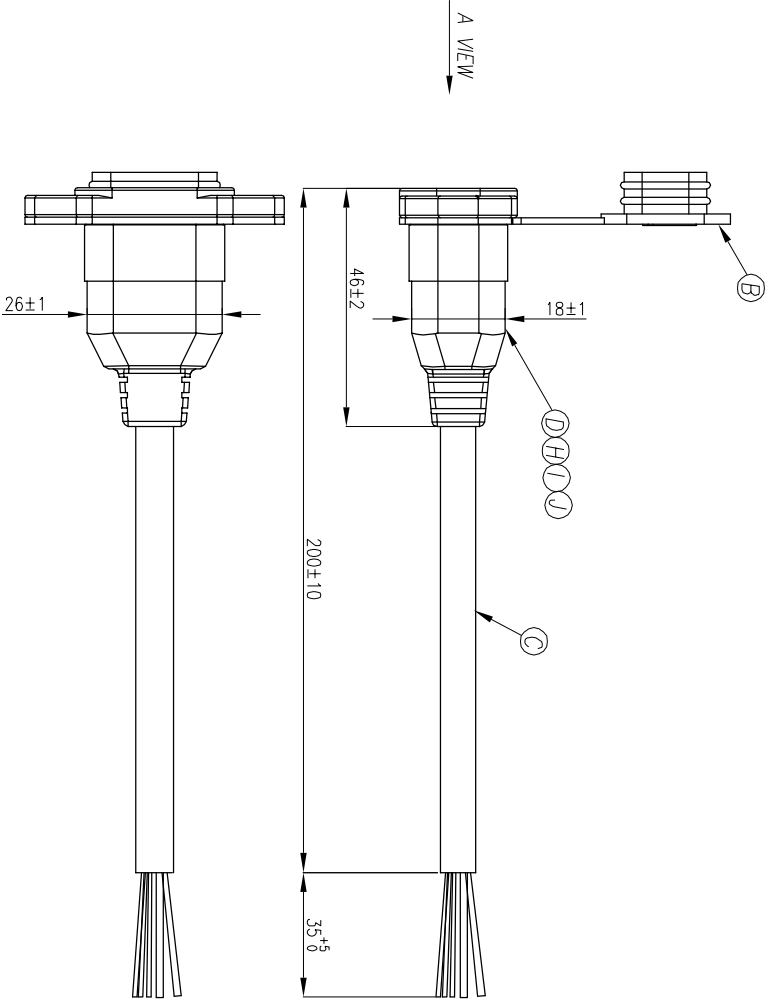


REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
A	PDR	NO:A191003-2A	JY	2020.05.08



1. ELECTRICAL CHARACTERISTICS:
1-1. RATING:DC48V,15A
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℃ (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-Phase**
7. MATCH WITH SINGATRON BATTERY MALE CONN.2BW3100 SERIES

CONN	WIRE COLOR	WIRE SPEC.	WIRE DEFINITION
PIN1	RED	1.5mm ²	POWER +
PIN3	BLACK	1.5mm ²	POWER -
PIN5	WHITE	0.3mm ²	SIGNAL(485A)
PIN7	GREEN	0.3mm ²	SIGNAL(485B)
PIN8	BLACK	0.3mm ²	SIGNAL (光通/脈衝)

J	OVER MOLD	1	PLASTIC	BLACK
I	UV 膠	1	/	WHITE
H	GLUE	1	/	BLACK
G	SIGNAL PIN	3	C5441	Au 1~3u" PLATING OVER Ni 50 u" Min. Au 1~3u" PLATING OVER IN 50u" Min.
F	SPRING	2	COPPER ALLOY	
E	FEMALE PIN	2	BRASS	鍍Ni 50u" Min.
D	HEAT SHRINK TUBE	2	125t 300V	BLACK
C	CABLE	1	PVC	BLACK
B	CAP	1	SILICONE	BLACK
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			
TITLE BATTERY CHARGE CONN. WITH CABLE				
DWN	JY	PART NO.	2BW3W01-005111H	
CHKD	Cerry	SCALE	1:1	UNIT: mm
APVD	William	SIZE: A3	SHEET: 1 OF 1	REV: A
CUSTOMER COPY				