



MATING PART
P/N : 2BA1018-000210F

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
 1-1. RATING: 30V DC 30A
 1-2. CONTACT RESISTANCE: 80mΩ MAX.(PIN+/- WITH WIRE INITIAL PRE PIN)
 1-3. CONTACT RESISTANCE: 70mΩ MAX.(SIGNAL PIN+WIRE INITIAL PRE PIN)
 2. MECHANICAL CHARACTERISTICS:
 2-1. INSERTION FORCE : 5.0⁺²₋₃KGf (INITIAL)
 2-2. WITHDRAWAL FORCE : 5.0⁺²₋₃KGf (INITIAL)
 3. LIFE TEST: 3,000 CYCLES MIN.
 4. OTHER GENERAL SPEC. TO REFER "BW1019-000210H SPEC."
 5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 6. PRODUCT IDENTIFICATION LABEL ON PACKAGING:
 7.PACKAGING: BAG

ROHS

BATTERY CONNECTOR	WIRE DIAGRAM	CONNECTOR-A	CONNECTOR-B
SPRING(+)	RED (UL1015 14AWG) 160mm		
SPRING(-)	BLACK (UL1015 14AWG) 160mm		
SIGNAL 1(12V)	BROWN (UL1007 22AWG) 220mm		P1
SIGNAL 2(GND)	YELLOW (UL1007 22AWG) 220mm		P2
SIGNAL 3(CAN-L)	WHITE (UL1061 28AWG) 220mm		P2
SIGNAL 4(CAN-H)	GREEN (UL1061 28AWG) 220mm		P1

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
A	BATTERY CONNECTOR	1	P/N: 2BA1019-000210F	
B	WIRE	2	UL1007 22AWG	SEE WIRE DIAGRAM
C	HEAT SHRINK TUBE	8	UL1061 28AWG	BLACK COLOR
D	TERMINAL	2	OD 7.5 ID 4.3 ; t=0.5	TIN PLATING
E	CONNECTOR-A	1	TERMINAL-PHOSPHOR BRONZE	TIN PLATING
F	CONNECTOR-B	1	HOUSING : Nylon 66	WHITE COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

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



Singatron Enterprise Co., Ltd.
信譽企業股份有限公司

TITLE BATTERY CONNECTOR+WIRE

REV	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	Even	2012.10.04

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