



CONNECTOR (B) WIRE DIAGRAM 7PIN CONNECTOR DETECT PIN

0	TUBE	2	NYLON L=170	BLACK
N	GASKET	1	SILICON	BLACK
M	HEAT SHRINK TUBE	12	L=20.0	BLACK
L	WIRE	6	SEE WIRE DIAGRAM	SEE WIRE DIAGRAM
K	CONNECTOR (B)	1	WST M6-120001	N/A
J	HEAT SHRINK TUBE	2	L=25.0	RED COLOR
I	HEAT SHRINK TUBE	2	KST TLDB-16	BLACK COLOR
H	R-TERMINAL	2	UL1346 #6	MATT. TIN PLATING
G	WIRE	1	UL1346 #6	RED COLOR
F	WIRE	1	UL1346 #6	BLACK COLOR
E	7 PIN CONNECTOR	1	COPPER ALLOY	GOLD PLATING
D	SPRING	2	SUS304 0.5t	N/A
C	TERMINAL	2	COPPER ALLOY 0.8t	SILVER PLATING
B	COVER	1	HIGH TEMP. THERMOPLASTIC UL94V-0	BLACK COLOR
A	HOUSING	1	HIGH TEMP. THERMOPLASTIC	BLACK COLOR
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

REV: A	ECN NO. OR PDR RELEASE	DESCRIPTION Acheng	REVISED	DATE 2013.10.22
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- DATE CODE
DD: DAY
MM: MONTH
YY: YEAR
- MAIN PART: P/R/2BW-12BM-0108210H
- MECHANICAL CHARACTERISTICS:
1. ELECTRICAL CHARACTERISTICS:
 - 1-1. RATING: DC 75A
 - 1-2. CONTACT RESISTANCE: 5.0mΩ MAX.(PIN+/- WITH WIRE INITIAL PRE PIN)
 - 1-3. CONTACT RESISTANCE: 30mΩ MAX.(SIGNAL PIN+WIRE INITIAL PRE PIN)
 2. MECHANICAL CHARACTERISTICS:
 - 2-1. INSERTION FORCE : 12KGf Max.(INITIAL)
 - 2-2. WITHDRAWAL FORCE : 12KGf Max.(INITIAL)
 3. LIFE TEST: 5,000 CYCLES MIN.
 4. OTHER GENERAL SPEC. TO REFER "2BW1010-V08210H SPEC".
 5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 6. GREEN PRODUCT IDENTIFICATION MARK ON JACK
 7. PRODUCT IDENTIFICATION LABEL ON PACKAGING: **RoHS**
 8. PACKAGING: BAG

Singatron Enterprise Co., Ltd.
信登企業股份有限公司

TITLE: BATTERY CONNECTOR+WIRE

DRAWN: KCHENG PART NO. 2BW1010-V08210H

CHKD: WCHENG SCALE 2:1 UNIT: mm

APVD: KCHENG 2013.10.22 SIZE: A3 SHEET: 1 OF 1 REV: A

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