



REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	RYUAN	4/27/09
B	ADD GREEN PRODUCT IDENTIFICATION MARK	KENSON	8/18/09
C	MODIFICATION DRAWING ECN NO:C100279	LONGJIANG	2010.7.19

- SPECIFICATIONS:
- RATING: DC 20V 9A
 - INSERTION FORCE: 0.2KG-2KG
 - WITHDRAWAL FORCE: 0.2KG-2.0KG
 - INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINALS SHALL NOT BE LESS THAN 100 MEGOHMS BY 500 VOLTS MEGGER.
 - JACK SHALL WITHSTAND 250 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
 - CONTACT RESISTANCE SHALL NOT EXCEED 0.03 OHMS.
 - JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG AND CONTACT RESISTANCE SHALL NOT EXCEED 0.1 OHMS.
 - MEASURING CONDITION:
 - TEMPERATURE: FROM 5°C TO 35°C.
 - RELATIVE HUMIDITY: FROM 40% TO 85%.
 - ENVIRONMENTAL SPECIFICATIONS:
 - 8.1 HUMIDITY TEST: HUMIDITY 90% TO 95% TEMPERATURE 40C ±2°C FOR 96 HOURS.
 - 8.2 HEAT TEST: TEMPERATURE 70°C ± 2°C (HUMIDITY BELOW 50%) FOR 96 HOURS.
 - 8.3 COLD TEST: TEMPERATURE -40°C ± 2°C FOR 96 HOURS.
 - PACKING: TUBE
 - TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 - GREEN PRODUCT IDENTIFICATION MARK ON JACK:
 - GREEN PRODUCT IDENTIFICATION LABEL ON PACKING:
 - FOR LEAD-FREE PROCESS.

G	SHELL	1	COOPER ALLOY 0.3t	NI: 60U "MIN.
F	PIN	1	COOPER ALLOY	NI60U "MIN, Cu80U "MIN
E	TERMINAL	1	COOPER ALLOY 0.5t	Ag20U "MIN, Ni20U "MIN
D	SHUNT TERMINAL	1	COOPER ALLOY 0.5t	Ag20U "MIN, Ni20U "MIN
C	TIP SPRING	1	COOPER ALLOY 0.3t	Ag20U "MIN, Ni20U "MIN
B	COVER	1	HIGHT TEMP.THERMOPLASTIC U94H-0	BLACK COLOR
A	BODY	1	HIGHT TEMP.THERMOPLASTIC U94H-0	BLACK COLOR
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS:	ANGLES:	TITLE
X : ±0.5	X : ±2°	DWV Longjiang
X.X : ±0.3	X.X : ±1°	CHKD Ziz
X.XX : ±0.2		APVD Liao

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

DC POWER JACK

PART NO.: 2DC-S315-C11

SCALE: N/A	UNIT: mm	SHEET: 1 OF 1	REV: C
APVD	Liao	SIZE: A3	

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