



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
A	BODY	1	HIGH TEMP.THERMOPLASTIC USA94-0	BLACK
B	SPRING	1	COPPER ALLOY 0.3t	Sn 60u"Min,Ni 60u"Min.
C	PIN	1	BRASS	Ag 20u" Min.
D	STOPPER	1	HIGH TEMP.THERMOPLASTIC USA94-0	BLACK
E	SHELL	1	SPCC 0.4t	Sn 60u" Min.,Ni 60u" Min. All Over: Cu 60u"Min
F	GROUND	1	STAINLESS 0.15t	N/A

UNLESS OTHERWISE SPECIFIED TOLERANCES

DC POWER JACK

DC 20V 10A 44uF

SCHEMATIC

#1 CENTER PIN(+)

#2 SPRING(-)

RECOMMENDED P.C.B. LAYOUT

TOP VIEW (TOLERANCE ±0.05)

PCB EDGE

SPECIFICATIONS:

- 1.RATING: DC 20V 10A 44uF
- 2.INSERTION FORCE: 3.0KG MAX. WITHDRAWAL FORCE: 1Kg~3.0Kg
- 3.INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINALS SHALL NOT BE LESS THAN 100 MEGOHMS BY 500 VOLTS MEGGER.
- 4.JACK SHALL WITHSTAND 250 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
- 5.CONTACT RESISTANCE (INITIAL) SHALL NOT EXCEED 30mΩ
- CONTACT RESISTANCE (AFTER LIFE TEST) SHALL NOT EXCEED 50mΩ
- ABOVE MUST USE ZDP-G213-B04 PLUG
- 6.MEASURING CONDITION: TEMPERATURE: FROM 5°C TO 35°C. RELATIVE HUMIDITY: FROM 40% TO 85%.
- 7.ENVIRONMENTAL SPECIFICATIONS:
 - 7.1 HUMIDITY TEST: HUMIDITY 90% TO 95% TEMPERATURE 40°C ±2°C FOR 96 HOURS.
 - 7.2 HEAT TEST: TEMPERATURE 70°C ± 2°C (HUMIDITY BELOW 50%) FOR 96 HOURS.
 - 7.3 COLD TEST: TEMPERATURE -40°C ± 2°C FOR 96 HOURS.
- 8.MATING PLUG : SINGATRON'S P/N : ZDP-G213-B04(PLUG SET)
- 9.PACKAGING: TAPE&REEL
- 10.PRINTED DATE CODE "YMMMD" ON TOP OF CONNECTOR.
- 11.RATING:DC 20V 10A 44uF DEPEND ON MATING PLUG DETAIL TYPE
- 12.WEIGHT:2.9 g/pcs
- 13.TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC
- 14.GREEN PRODUCT IDENTIFICATION MARK ON JACK:
- 15.GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING:
- 16.FOR LEAD FREE PROCESS.

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
E	ECN NO: S081005	BOYE	2008.11.24
F	ECN NO: S091203	ANGEL	2009.12.03

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

DC POWER JACK

TITLE	REV.	PART NO.	SCALE	UNIT	SIZE	SHEET	REV.
DWN	AWL	2DC-G213-B20	4:1	mm	A3	1 OF 1	F
CHKD	USSEN						
APVD	MY						

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