



REV.	ECN NO OR DESCRIPTION	REVISED	DATE
F	ECN NO: C1003359 DESIGN CHANGE	BILLY	2010.11.03
G	ECN NO: C100598MODIFY DRAWING	LONGJIANG	2010.12.15
H	ECN NO: C110263MODIFY DRAWING	LONGJIANG	2011.09.19
I	ECN: C110381 MODIFY DRAWING	Haim	2012.01.04

- SPECIFICATIONS:
- ELECTRICAL CHARACTERISTICS:
    - RATING: DC 20V 5.5A
    - CONTACT RESISTANCE: 30m MAX. (INITIAL)
    - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
    - INSULATION RESISTANCE: 100M MIN. MEASURED BY 500 VDC
  - MECHANICAL CHARACTERISTICS:
    - INSERTION FORCE : 0.5~2.0 KGF
    - WITHDRAWAL FORCE : 0.4~2.0 KGF
  - LIFE TEST: 5,000 CYCLES MIN.
  - MEASURING CONDITION:
    - TEMPERATURE: FROM 5° C TO 35° C
    - RELATIVE HUMIDITY: FROM 40% TO 85%
  - TO CONFORM TO THE SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
  - GREEN PRODUCT IDENTIFICATION MARK ON JACK:
  - GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING:
  - FOR LEAD-FREE PROCESS.
  - D/C DESCRIPTION:

**G.P. PASS**

NO.	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
A	BODY	1	HIGH TENS. THERMOSETIC (UL94-V0)	BLACK COLOR
B	TIP SPRING	1	COPPER ALLOY Q.3t	AG PLATING
C	SHUNT TERMINAL	1	COPPER ALLOY Q.4t	AG PLATING
D	CONTACT PIN	1	COPPER ALLOY -1.6S	GOLD FLASH
E	TERMINAL	1	HIGH TENS. THERMOSETIC	BLACK COLOR
F	SHIELD	1	COPPER ALLOY Q.35t	NI PLATING
G	GROUND	1	STEEL Q.1t	N/A

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.  
 信音企業股份有限公司

TITLE	DC POWER JACK
DWG NO.	2DC-G128-Q03
SCALE	4:1
UNIT	mm
SIZE	A3
SHEET	10/11
REV.	I

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