



PCB LAYOUT  
SOLDER SIDE

REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
E	ECN NO.:T0900047		KENSON	9/26/09
F	ECN NO.:T0900047 PART NO.:P520-A02 物料編號:251-P52X-A02 物料名稱:251-P52/L23/4/5-602		HAODU	2010.3.21
G	ECN NO:C110322MODIFI	DRAWING	LongJiang	2011.11.08

- SPECIFICATIONS:
- INSULATION RESISTANCE TO BE NOT LESS THAN 50 MEGOHMS R.M.S. AT 250 VOLTS.
  - MAXIMUM CONTACT RESISTANCE 30 MILLIOHMS.
  - JACK SHALL WITHSTAND 250 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR 1 MINUTE.
  - JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH MATE PLUG OR GAUGE PLUG AFTER TESTING CONTACT RESISTANCE SHALL NOT EXCEED 0.1 OHMS.
  - INSERTION FORCE
    - INITIAL: 0.3KG-2.5KG.
    - AFTER 5,000 CYCLES TEST: ±30% OF INITIAL VALUE.
  - WITHDRAWAL FORCE
    - INITIAL: 0.3KG - 2.5KG
    - AFTER 5,000 CYCLES TEST: ±30% OF INITIAL VALUE.
  - MEASURING CONDITIONS:
    - TEMPERATURE: FROM 5°C TO 40°C.
    - RELATIVE HUMIDITY: FROM 40% TO 85%
  - RESISTANCE TO SOLDERING HEAT:
 

LEADS TO BE IMMERSED IN MOLTEN SOLDER 260°C FOR 10 SECONDS @1.57mm FROM BODY WITH NO DEGRADATION OF ELECTRICAL OR MECHANICAL SPECIFICATION.
  - SOLDER HEAT RESISTANCE: WAVE SOLDERING 260°C 10 SECS.
  - TO CONFORM TO THE "SE-01-001" & "ROHS DIRECTIVE"
  - GREEN PRODUCT IDENTIFICATION MARK ON JACK:
  - GREEN PRODUCT IDENTIFICATION LABEL ON PACKING:
  - FOR WAVE SOLDERING LEAD-FREE PROCESS.

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
H	GROUNDING SPRING	1	STAINLESS STEEL 0.2t	BLACK COLOR
G	COVER	1	PBT UL 94V-0	SILVER PLATING
F	SHUNT TERMINAL B	1	BRASS 0.4t	SILVER PLATING
E	SHUNT TERMINAL A	1	BRASS 0.4t	SILVER PLATING
D	RING SPRING	1	COPPER ALLOY 0.25t	SILVER PLATING
C	TIP SPRING	1	COPPER ALLOY 0.3t	SILVER PLATING
B	EARTH TERMINAL	1	BRASS 0.5t	SILVER PLATING
A	BODY	1	PBT UL 94V-0	PINK COLOR(T01C)

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.  
信晉企業股份有限公司

DC POWER JACK

TITLE	PART NO.	SCALE	UNIT	REV.
DWN	LangJiang 251-P520-A02	3:1	mm	G
CHKD	zz	3:1	mm	G
APVD	uno	SIZE: A3	SHEET: 1 OF 1	REV: G

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