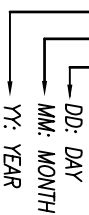


RECOMMEND P.C.B LAYOUT  
TOP VIEW (TOLERANCES:±0.05)

- SPECIFICATIONS:**
1. RATING: DC 20V 4A
  2. INSERTION FORCE: 0.4KG-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 SHALL NOT EXCEED 0.03 OHMS.
  6. JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG AND CONTACT RESISTANCE SHALL NOT EXCEED 0.1 OHMS.
  7. MEASURING CONDITION:  
TEMPERATURE: FROM 5°C TO 35°C.  
RELATIVE HUMIDITY: FROM 40% TO 85%
  8. ENVIRONMENTAL SPECIFICATIONS:  
8.1 HUMIDITY TEST: HUMIDITY 90% TO 95% TEMPERATURE 40°C ± 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.
  9. SOLDERABILITY TEST: THE TERMINATION IS AT LEAST 95% COVERED BY A CONTINUOUS NEW SOLDER COATING.  
TEST CONDITION: DIP IN MOLTEN SOLDER FOR 5 Sec. AT 245±5°C (TERMINATION SHALL BE IMMersed IN FLUX BEFORE TEST)
  10. PACKAGING: TAPE & REEL.
  11. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC
  12. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON JACK:
  13. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
  14. FOR REFLOW SOLDERING LEAD FREE PROCESS.
  15. PRINTED DATE CODE "YYMMDD" ON TOP OF CONNECTOR.



REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
D	ECN NO:1080204		UII	2008.12.29
E	ECN NO:5090203		UII	2009.04.15
F	ECN NO.: S090730		Soldier	2009.10.29

G	GROUNDING SPRING	1	STAINLESS 0.1t	N/A
F	SHIELDING	1	BRASS STRIP 0.2t	Ni 1.5um MIN.
E	PIN	1	BRASS BAR	Ag 0.5um MIN.
D	TERMINAL	1	STAINLESS 0.3t	N/A
C	SHUNT TERMINAL	1	BRASS STRIP 0.3t	Ag 0.5um MIN.
B	TIP SPRING	1	COPPER ALLOY 0.3t	Ag 0.5um MIN.
A	BODY	1	HIGH TEMP. THERMOPLASTIC UL 94V-0	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

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

DECIMALS:	ANGLES:	TITLE
X :±0.5	X :±2°	DC POWER JACK
X.X :±0.3	X.X :±1°	DWN Solder
X.XX :±0.2		CHKD LUSSEN
		APVD Mtr

PART NO. 2DC-G786-Q31

SCALE 3:1 UNIT: mm

SIZE: A3 SHEET: 1 OF 1 REV: F

CUSTOMER COPY