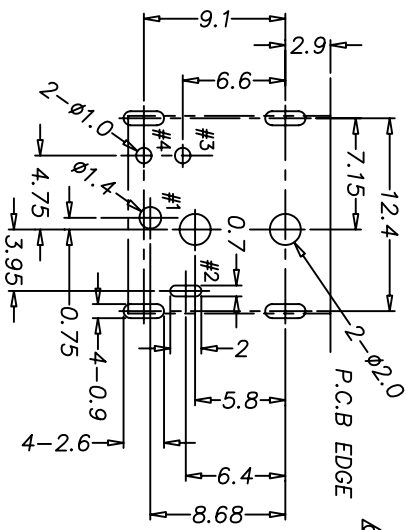


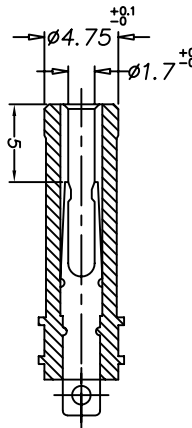
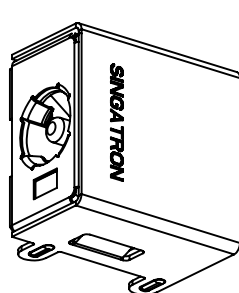
ELECTRICAL CIRCUIT



RECOMMENDED P.C.B. LAYOUT (t=1.6mm)  
TOP VIEW (TOLERANCE: ±0.05)

SPECIFICATIONS:

1. RATING: DC 20V 6A
2. INSERTION FORCE: 0.4KG-3.0KG
3. WITHDRAWAL FORCE: 0.4KG-3.0KG
4. INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINALS SHALL NOT BE LESS THAN 100 MΩ AT 500 VDC.
5. JACK SHALL WITHSTAND 250 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
6. CONTACT RESISTANCE SHALL NOT EXCEED 30mΩ
7. JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG AND CONTACT RESISTANCE SHALL NOT EXCEED 100mΩ
8. MEASURING CONDITION: RELATIVE HUMIDITY: FROM 40% TO 85%
9. ENVIRONMENTAL SPECIFICATIONS: 8.1 HUMIDITY TEST: HUMIDITY 90% TO 95% TEMPERATURE 40°C ± 2°C FOR 96 HOURS.
10. HEAT TEST: TEMPERATURE 70°C ± 2°C (HUMIDITY BELOW 50%) FOR 96 HOURS.
11. COLD TEST: TEMPERATURE -40°C ± 2°C FOR 96 HOURS.
12. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
13. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
14. GREEN PRODUCT IDENTIFICATION MARK ON JACK:
15. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING:
16. PACKAGING: TAPE & REEL
17. PRINTED DATE CODE "YMMDD" ON TOP OF CONNECTOR.



ORDER NO. 2DC1001-000111  
PACKAGING: 1: TAPE & REEL, 2: BODY COLOR, 3: BLACK

REV	ECN NO OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	DA	2006.12.22
B	ECN NO: T080004-2	EVEN	2008.02.20
C	增加鍍金片		
	ECN NO: S080915		Quan-Zhou 2008.10.13

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
H	STOPPER	1	HIGH THERMOPLASTIC	BLACK COLOR
G	LED	1	InGan	BLUE COLOR
F	SHELL	1	BRASS STRIP 0.3t	NICKEL PLATED
E	GROUND	1	STAINLESS 0.15t	N/A
D	PIN	1	BRASS BAR	GOLD FLASH
C	TIP SPRING	1	COPPER ALLOY 0.3t	GOLD FLASH
B	LOCKER	1	HIGH THERMOPLASTIC UL 94V-0	BLACK COLOR
A	BODY	1	HIGH THERMOPLASTIC UL 94V-0	BLACK COLOR

DECIMALS:	ANGLES:
X : ±0.5	X : ±2°
X.X : ±0.3	X.X : ±1°
X.XX : ±0.2	



TITLE: DC POWER JACK + LED  
 DWN: Quan-Zhou  
 CHKD: Boye  
 APVD: Max  
 PART NO. 2DC1001-000111  
 SCALE: 3:1  
 UNIT: mm  
 SIZE: A3  
 SHEET: 1 OF 1  
 REV: C  
 CUSTOMER COPY