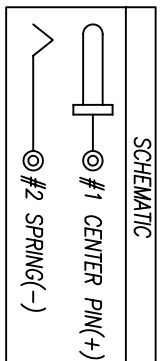
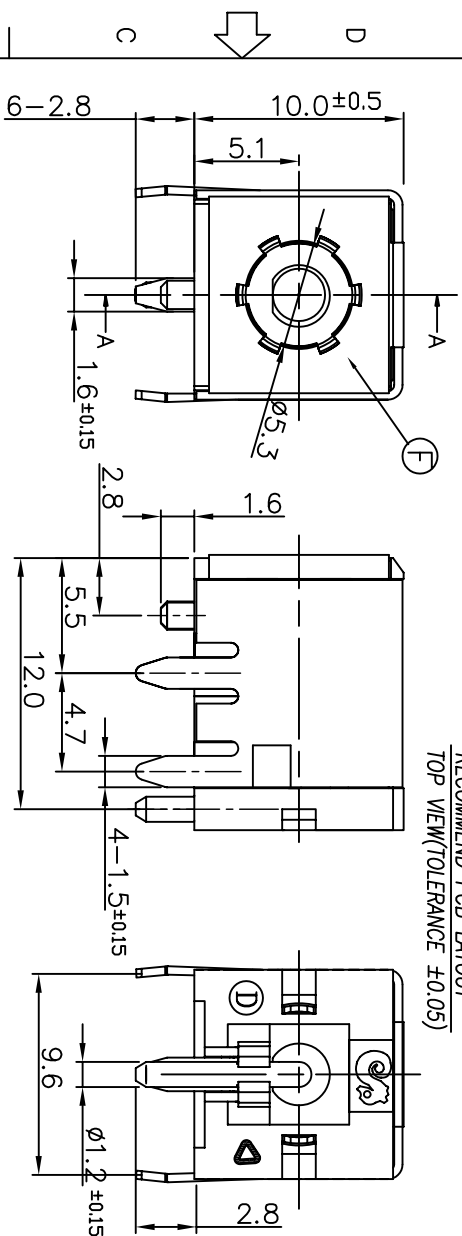


REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO. T081225-1A	Sky	2009.01.17

- RECOMMEND PCB LAYOUT
TOP VIEW(TOLERANCE ±0.05)
-
- 1.RATING: DC 20V 10A
 2.INSERTION FORCE: 3.0kg MAX.
 3.INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINALS SHALL NOT BE LESS THAN 100 MEGOHMS BY 500 VOLTS.
 4.JACK SHALL WITHSTAND 250 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
 5.CONTACT RESISTANCE SHALL NOT EXCEED 30mΩ
 6.JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG,AND CONTACT RESISTANCE SHALL NOT EXCEED 60mΩ
 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.MATING PLUG : SINGATRON'S P/N : ZDP-G213-B04(PLUG SET)
 10.PACKAGING: TRAY.
 11.RATING:DC 20V 10A 44uF DEPEND ON MATING PLUG DETAIL TYPE
 12.TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 13.GREEN PRODUCT IDENTIFICATION MARK ON JACK
 14.GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **GR PASS**
 15.FOR LEAD FREE PROCESS.
 16.PRINTED DATE CODE "YMMDD" ON TOP OF CONNECTOR.



SECTION A-A

MATING PLUG Ø5.50

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	GROUND	1	STAINLESS STEEL 0.15t	N/A
E	SHELL	1	SPCC-SD 0.4T	Ni 60u" Min.
D	STOPPER	1	HIGH TEMP.THERMOPLASTIC UL94V-0	BLACK
C	PIN	1	HB159-1.5B	Ag 20u" Min.
B	SPRING	1	COPPER ALLOY 0.3T	Sn 60u" OVER Ni 60u"
A	BODY	1	HIGH TEMP.THERMOPLASTIC UL94V-0	BLACK

DECIMALS:	ANGLES:	TITLE
X : ±0.5	X : ±2°	DC POWER JACK
X.X : ±0.3	X.X : ±1°	PART NO. ZDC-G213-B85
X.XX : ±0.2		SCALE:4:1
		UNIT: mm
		SIZE: A3
		SHEET:1 OF 1
		REV:A