

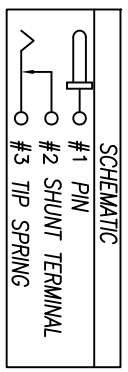
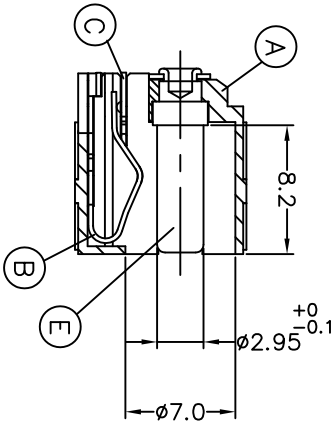
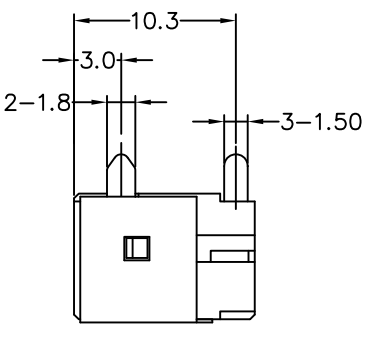
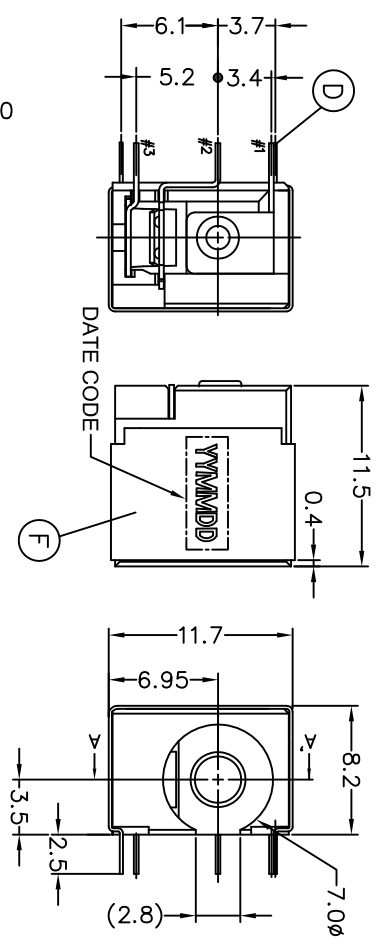
REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
C	ECN NO. 1070050		DA	2007.03.02
D	ECN NO. S100714		Swing	2010.07.14

SPECIFICATIONS:

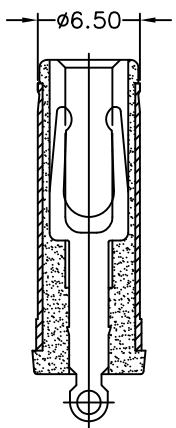
- RATING: DC 19V 5A
- INSERTION FORCE: 0.4KG-3.0KG
WITHDRAWAL FORCE: 0.4KG-3.0KG
- INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINALS SHALL NOT BE LESS THAN 100 MEGOHMS BY 500 VOLTS MEGGER.
- JACK SHALL WITHSTAND 250 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
- CONTACT RESISTANCE SHALL NOT EXCEED 0.03 OHMS.
- JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG, AND CONTACT RESISTANCE SHALL NOT EXCEED 0.1 OHMS.
- MEASURING CONDITION:
TEMPERATURE: FROM 5°C TO 35°C.
RELATIVE HUMIDITY: FROM 40% TO 85%
- 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.
- 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. FOR OUT DIAMETER OF PLUG Ø6.5 ONLY
- PACKAGING: TAPE & REEL
- TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC
- GREEN PRODUCT IDENTIFICATION MARK ON JACK
- GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **G.P. PASS**
- FOR WAVE SOLDERING LEAD-FREE PROCESS.
- PRINTED DATE CODE "YMMD" ON TOP OF CONNECTOR.

DATE CODE: YMMD

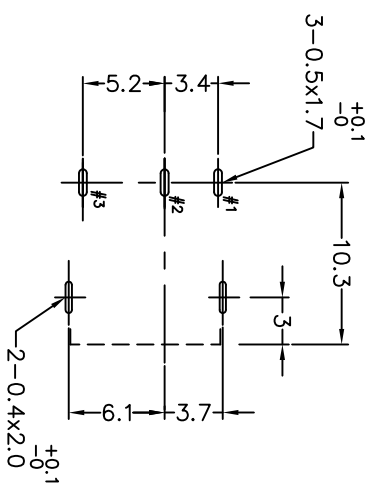
DD: DAY
MM: MONTH
YY: YEAR



A-A' SECTION



MATE PLUG Ø6.50



Recommended PCB Layout
<TOP VIEW> TOLERANCE: ±0.05

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
A	BODY	1	HIGH TEMP. THERMOPLASTIC UL 94V-0	BLACK COLOR
B	TIP SPRING	1	COPPER ALLOY 0.3t	SILVER PLATING
C	SHUNT TERMINAL	1	BRASS STRIP 0.3t	SILVER PLATING
D	TERMINAL	1	BRASS STRIP 0.3t	SILVER PLATING
E	PIN	1	BRASS BAR	NICKEL PLATING
F	SHIELDING	1	BRASS STRIP 0.2t	NICKEL PLATING

UNLESS OTHERWISE SPECIFIED TOLERANCES

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

TITLE: DC POWER JACK

DWN: 2010.07.14 PART NO. 2DC-S626-105

CHKD: 2010.07.14 SCALE: 3:1 UNIT: mm

APVD: 2010.07.14 SIZE: A3 SHEET: 1 OF 1 REV: D

CUSTOMER COPY