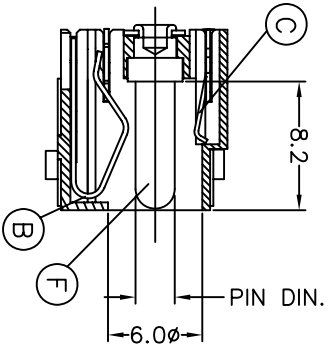
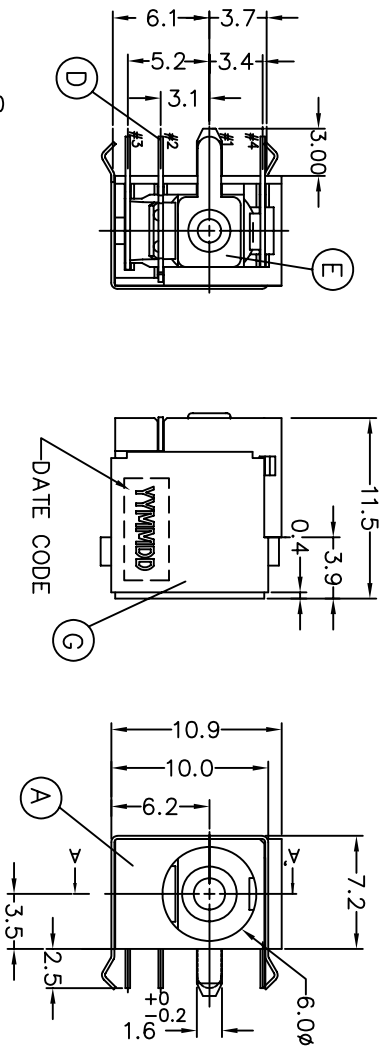


REV.	ECN NO OR DESCRIPTION	REVISED	DATE
D	ECN NO: S071008	Yolanda	2007.10.15
E	ECN NO: S090318	Samming	2009.04.30
F	ECN NO: S090721 Δ	LIU	2009.07.20
G	ECN NO: T090047	ANGEL	2009.10.07

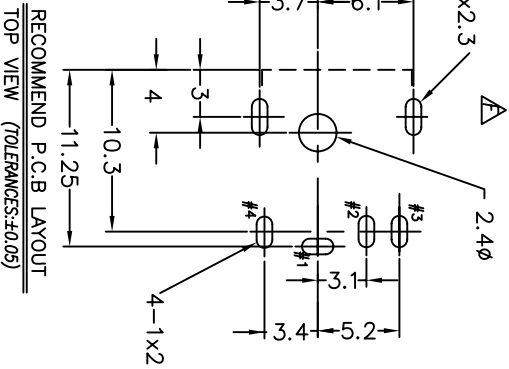
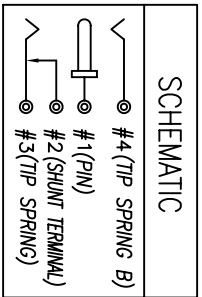


A-A' SECTION

ORDERING CODE:

2DC-S726-□01

PART NO.	PIN DIA.
C	2.35 ϕ ^{+0.01} _{-0.01}
D	2.0 ϕ ^{+0.01} _{-0.01}
I	1.65 ϕ



- SPECIFICATIONS:**
- RATING: DC 20V 7A
 - 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 Ω
 - JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG AND CONTACT RESISTANCE SHALL NOT EXCEED 0.1 Ω
 - 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 \pm 2°C FOR 96 HOURS.
8.2 HEAT TEST: TEMPERATURE 70°C \pm 2°C (HUMIDITY BELOW 50%) FOR 96 HOURS.
8.3 COLD TEST: TEMPERATURE -40°C \pm 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 \pm 5°C (TERMINATION SHALL BE IMMERSED IN FLUX BEFORE TEST)
 - PACKAGING: TAPE & REEL.
 - TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 - GREEN PRODUCT IDENTIFICATION MARK ON JACK: Δ
 - GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **G.P. PASS**
 - FOR WAVE SOLDERING LEAD-FREE PROCESS
 - SOLDER HEAT RESISTANCE: WAVE SOLDERING 260°C 10 SECS.

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
A	BODY	1	HIGH TEMP. THERMOPLASTIC UL 94V-0	BLACK
B	TIP SPRING A	1	YUJIM-H 0.3T	Ag 20 μ Min Over Ni 50 μ Min
C	TIP SPRING B	1	COPPER ALLOY 0.25T	Ag 20 μ Min Over Ni 50 μ Min
D	SHUNT TERMINAL	1	BRASS STRIP 0.3T	Ag 20 μ Min Over Ni 50 μ Min
E	TERMINAL	1	BRASS STRIP 0.3T	Ag 20 μ Min Over Ni 50 μ Min
F	PIN	1	BRASS BAR	Ni 60 μ Min
G	SHIELDING	1	BRASS STRIP 0.2T	Ni 60 μ Min

UNLESS OTHERWISE SPECIFIED TOLERANCES

DC POWER JACK

PART NO. 2DC-S726-□01

SCALE: N/A UNIT: mm

SIZE: A3 SHEET: 1 OF 1 REV: G

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