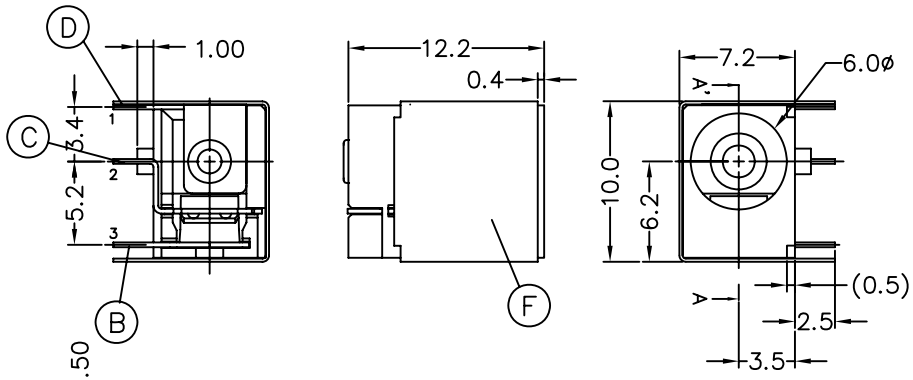
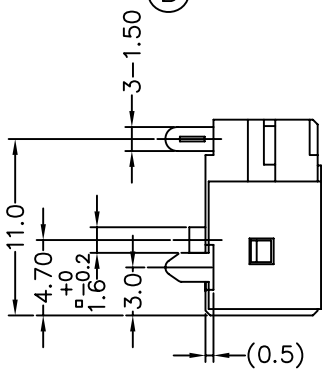
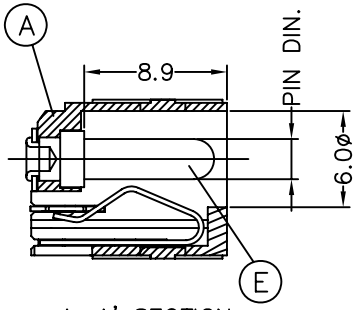
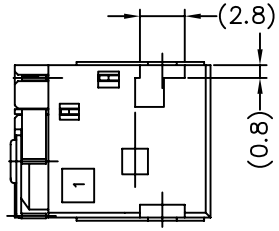
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
C	ECN NO. 92029	EVEN	4/14-'03
D	ECN NO. S090318 △1	Sanming	2009.04.30



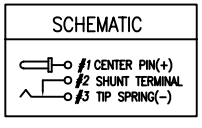


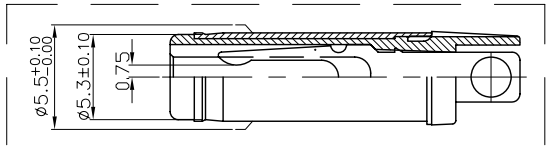


A-A' SECTION

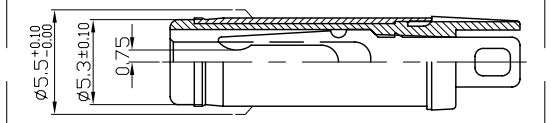


SCHEMATIC





P/N:2DP-5525-AH1



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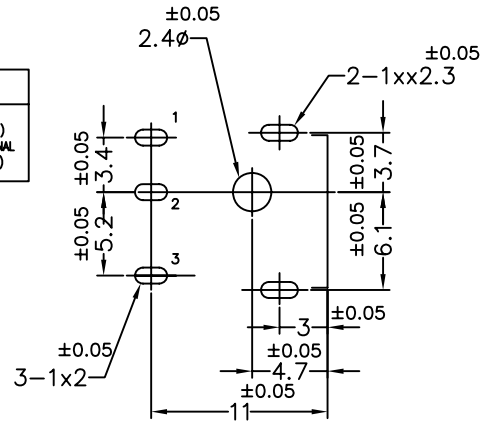
MATING PLUG(REF ONLY)



RECOMMENDED P.C.B LAYOUT

TOP VIEW

TABLE

P/N	PIN DIA.	PLUG NO.	PLATING
2DC-S126-B01	ø2.50 +0.0 -0.1	2DP-5525-AH2	Ni60u' MIN
2DC-S126-D01	ø2.00 +0.0 -0.1	2DP-5521-AH1	Ni60u' MIN
2DC-S126-C01	ø2.35 +0.0 -0.1	2DP-5525-AH2	Ag 20u' MIN Ni 50u'~180u'.

SPECIFICATIONS:

1. RATING: DC 24V 2A
2. INSERTION FORCE: 0.4KG-3.0KG
   WITHDRAWAL 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. TO CONFORM TO SINGATRON HARADOUS SUBSTANCE FREE SPEC
11. GREEN PRODUCT IDENTIFICATION MARK ON JACK: △
12. GREEN PRODUCT IDENTIFICATION LABELON PACKAGING: G.P. PASS
13. FOR LEAD-FREE PROCESS.

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	SHIELDING		BRASS STRIP 0.2t	NICKEL PLATING
E	PIN	1	BRASS BAR	NICKEL PLATING
D	TERMINAL	1	BRASS STRIP 0.3t	SILVER PLATING
C	SHUNT TERMINAL	1	BRASS STRIP 0.3t	SILVER PLATING
△1 B	TIP SPRING	1	YCUTM-H 0.3T	Ag 20u" Over Ni20u"
A	BODY	1	HIGH TEMP. THERMOPLASTIC UL 94V-0	BLACK COLOR

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: X :±0.5, X.X :±0.3, X.XX :±0.2

ANGLES: X :±2°, X.X :±1°

Singatron Enterprise Co., Ltd.
信音企業股份有限公司

TITLE	DC POWER JACK		
DWN	Sanming 2009.04.30	PART NO. 2DC-S126-□01	
CHKD	Boye 2009.05.11	SCALE:N/A	UNIT: mm
APVD	Max 2009.05.11	SIZE: A3	SHEET:1 OF 1 REV: D

CUSTOMER COPY

文件編號 RD-06-043-A