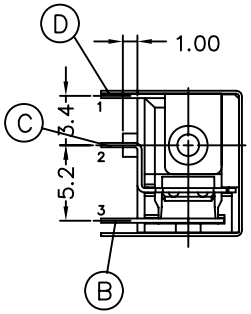
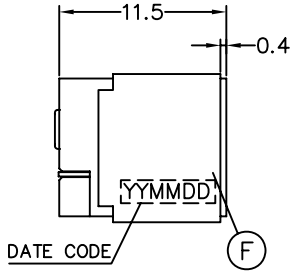
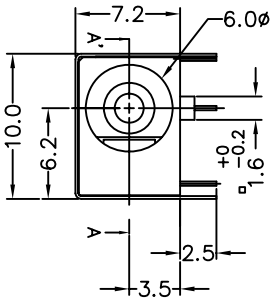
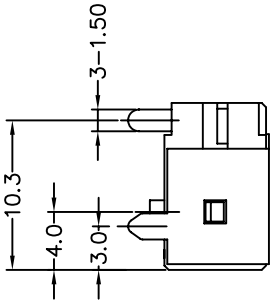
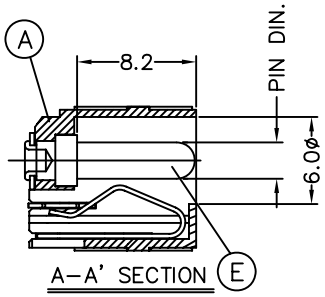
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
E	ECN NO.C070081	HAIHUA	6/27'07
F	ECN NO: S080605	Swina	2008.06.5
G	ECN NO: S080728	Mark	2008.09.2
H	ECN NO. S090318 ⚠	Sanming	2009.04.30





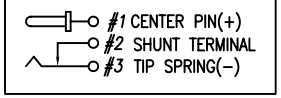






A−A' SECTION

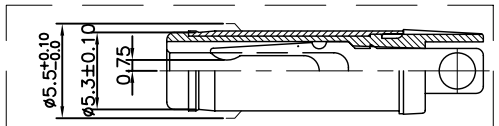
SCHEMATIC



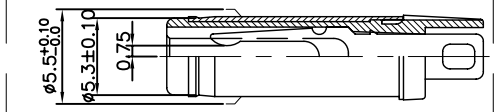
SPECIFICATIONS:

1. RATING: DC 20V 4A
2. LOAD SIDE CAPACITANCE: 4.7μF*4 MIN.
3. INSERTION FORCE: 0.4KG−3.0KG
   WITHDRAWAL FORCE: 0.4KG−3.0KG
4. INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINALS SHALL NOT BE LESS THAN 100 MΩ BY 500 VOLTS MEGGER.
5. JACK SHALL WITHSTAND 250 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
6. CONTACT RESISTANCE SHALL NOT EXCEED 30 mΩ.
7. JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG,AND CONTACT RESISTANCE SHALL NOT EXCEED 100 mΩ
8. MEASURING CONDITION:
   TEMPERATURE: FROM 5°C TO 35°C.
   RELATIVE HUMIDITY: FROM 40% TO 85%
9. ENVIRONMENTAL SPECIFICATIONS:
   9.1 HUMIDITY TEST: HUMIDITY 90% TO 95% TEMPERATURE 40°C ± 2°C FOR 96 HOURS.
   9.2 HEAT TEST: TEMPERATURE 70°C ± 2°C (HUMIDITY BELOW 50%) FOR 96 HOURS.
   9.3 COLD TEST: TEMPERATURE −40°C ± 2°C FOR 96 HOURS.
10. 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)
11. PACKAGING:TAPE & REEL .
12. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC
13. GREEN PRODUCT IDENTIFICATION MARK ON JACK: △
14. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: G.P. PASS
15. FOR LEAD−FREE PROCESS.
16. DATE CODE DESCRIPTION:

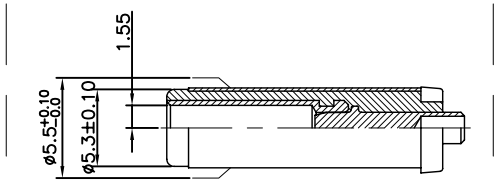
YY MM DD
DAY
MONTH
YEAR



P/N:2DP−5525−AH2

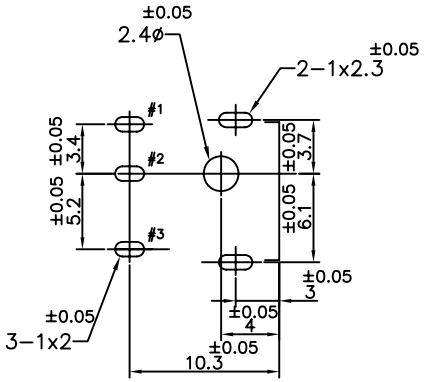


P/N:2DP−5521−AH1



P/N:2DP−5531−001

MATING PLUG(REF ONLY)



RECOMMENDED P.C.B(T:1.2mm) LAYOUT
TOP VIEW

TABLE

PART NO.	PIN DIA.	PLUG NO:	PLATING:
2DC−S026−B04	2.5ø +0 −0.1	—	Ni 60u"Min.
2DC−S026−D04	2.0ø +0 −0.1	2DP−5521−AH1	Ag 20u"Min,Ni≧20u"Min
2DC−S026−C04	2.35ø +0 −0.1	2DP−5525−AH2	Ag 20u"Min,Ni≧20u"Min
2DC−S026−L04	2.95ø +0 −0.1	2DP−5531−001	Ag 20u"Min,Ni≧20u"Min

NO	DESCRIPTION	QTY	MATERIAL	PLATING&COLOR
F	SHIELDING		BRASS STRIP 0.2t	Ni 60u" Min.(N4)
E	PIN	1	BRASS BAR	Ni 60u"Min,Cu≧80u"Min
D	TERMINAL	1	BRASS STRIP 0.3t	SEE TABLE
C	SHUNT TERMINAL	1	BRASS STRIP 0.3t	Ag 20u"Min,Ni≧20u"Min
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

TITEL	DC POWER JACK		
DWN	Sanming 2008.09.02	PART NO.	2DC−S026−□04
CHKD	Boye 2009.05.11	SCALE:N/A	UNIT: mm
APVD	Max 2009.05.11	SIZE: A3	SHEET: 10F1
			REV: H

CUSTOMER COPY

文件編號:RD−06−043−A