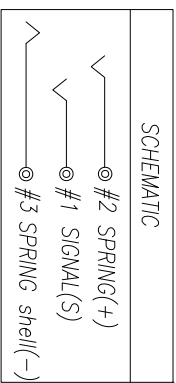
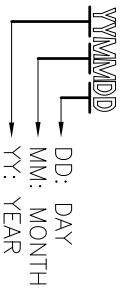


MATING PLUG: OD  $\phi 7.4$ ; ID  $\phi 0.6$   
Tolerance:  $\pm 0.05$

**SPECIFICATIONS:**

1. ELECTRICAL CHARACTERISTICS:
  - 1-1. RATING: 20V DC, 10A.
  - 1-2. CONTACT RESISTANCE: 20 MILLIOHMS Max. FOR INITIAL, 50 MILLIOHMS Max. AFTER 5000 CYCLES.
  - 1-3. INSULATION RESISTANCE: 100 MEGAOHMS Min. BY 500V DC AFTER 1 MINUTE.
  - 1-4. DIELECTRIC WITHSTANDING VOLTAGE: 500V RMS AFTER 1 MINUTE.
2. MECHANICAL CHARACTERISTICS:
  - 2-1. INSERTION FORCE : 3.0 KGF MAX
  - 2-2. WITHDRAWAL FORCE : 0.35 KGF MIN
3. LIFE TEST: 5,000 CYCLES MIN.
4. OTHER GENERAL SPEC. TO REFER "2DC2013 SERIES SPEC".
5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
6. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
7. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
8. FOR HAND SOLDERING LEAD-FREE PROCESS.
9. PACKAGING: BAG
10. PRINTED DATE CODE "YYMMDD" ON TOP OF CONNECTOR.



REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
B	ECN:C1100935	改善插拔力產品加膠	Hojjin	2011.04.26
C	ECN:C110263	Update drawing	Longjiang	2011.08.29
D	ECN:C140040	數字由圓角改斜角	CAOCHEN	2014.04.21

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	COVER	1	THERMOPLASTIC UL 94V-0	BLACK
E	SHELL	1	COPPER ALLOY 0.4t	NICKEL PLATING
D	SIGNAL(S)	1	COPPER ALLOY 0.3t	GOLD FLASH PLATING
C	SIGNAL(+)	2	COPPER ALLOY 0.3t	GOLD FLASH PLATING
B	SPRING(+)	2	COPPER ALLOY 0.3t	GOLD FLASH PLATING
A	SPRING(-)	2	COPPER ALLOY 0.3t	GOLD FLASH PLATING
NO	BODY	1	THERMOPLASTIC UL 94V-0	BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS:	ANGLES:
X : $\pm 0.5$	X : $\pm 2^\circ$
X.X : $\pm 0.3$	X.X : $\pm 1^\circ$
X.XX : $\pm 0.2$	

TITLE	DC POWER JACK
DWG	Rev 09/14/23
CHKD	14/4/23
APVD	14/4/23

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

PART NO. 2DC2013-001111F  
SCALE 4:1  
UNIT: mm  
SIZE: A3  
SHEET: 1 OF 1  
REV: D

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