


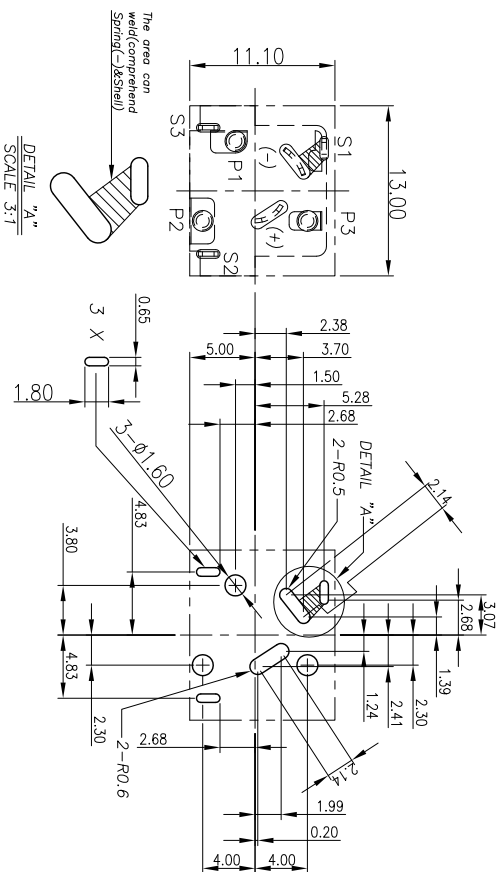
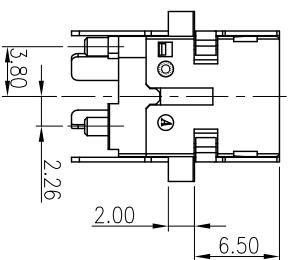
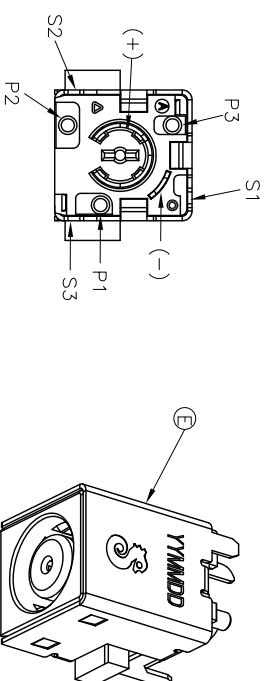
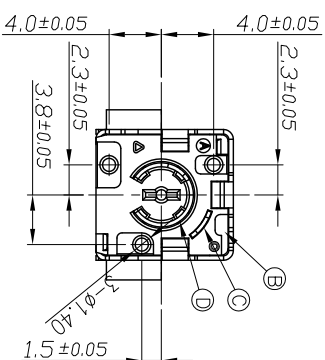
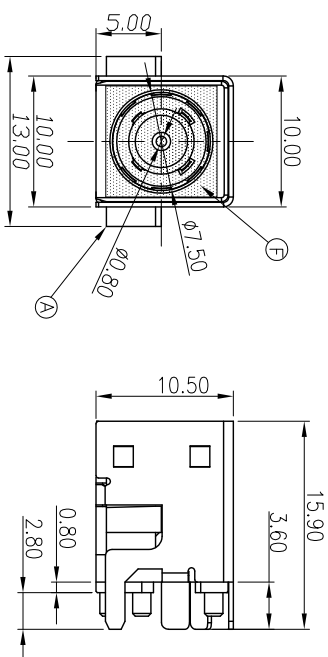
MATING PLUG: OD Ø7.4 ; ID Ø5.1

Loading 20V 13A for Singatron P/n:2DP1003-000111
(TOLERANCE:±0.05)

SPECIFICATIONS:
1. ELECTRICAL CHARACTERISTICS:




1. THERMAL: 200°C MIN.
- 1-2. CONTACT RESISTANCE: 20mΩ MAX. (INITIAL)
- 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 150V AC FOR ONE MINUTE.
- 1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC
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 "2DC1003-000113 SPEC".
5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
5. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT: 
7. HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON THE PACKAGING
8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO. T090219-3A	Swina	2009.04.01
B	ECN NO. S100403 平面修正	Tom	2010.04.02



DETAIL "A"
SCALE 3:1

Recommended PCB Layout
<TOP VIEW>TOLERANCE:±0.05 A-A SIDE VIEW
(PCB THICKNESS: 1.5mm)

F	INSULATION FILM	1	MYLAR 0.075t	TRANSPARENT
E	SHELL	1	BRASS 0.35t	NICKEL (60u "Mn.") PLATING
D	SPRING (+)	1	COPPER ALLOY 0.3t	GOLD FLASH (1~3u") PLATING
C	SPRING (-)	1	COPPER ALLOY 0.3t	GOLD FLASH (1~3u") PLATING
B	COVER	1	HIGH TEMP. THERMOPLASTIC UL 94V-0	BLACK COLOR
A	HOUSING	1	HIGH TEMP. THERMOPLASTIC UL 94V-0	BLACK COLOR
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES				
 Singapore Enterprise Co., Ltd. 信音企業股份有限公司				
DECIMALS:	ANGLES:	TITLE	DC POWER JACK	
X : ±0.5	X : ±2°	DWN	10m2004.09	PART NO.2DC1003-000213
X.X : ±0.3	X.X : ±1°	CHND	10m2004.09	SCALE 3:1 UNIT: mm
X.XX : ±0.2		APVD	Mtr. 2004.09	SIZE: A3 SHEET: 1 OF 1
CUSTOMER COPY				
 				

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