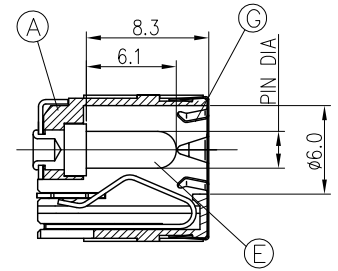
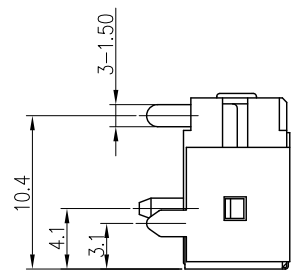
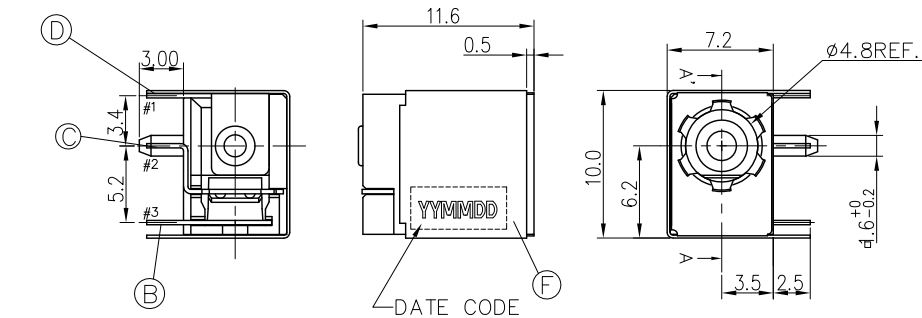


REV.	ECN NO. OR DESCRIPTION	REVISED	DATE
E	ECN NO. S100837	Swina	2010.09.01
F	ECN NO. S120105	SEAN	2012.03.19
G	ECN NO. S121236	Danfeng	2012.12.21

SPECIFICATIONS:

- RATING: DC 20V 7A
- LOAD SIDE CAPACITANCE: $4.7\mu F \times 4$ MIN.
- INSERTION FORCE: 0.4KGf-3.0KGf
WITHDRAWAL FORCE: 0.4KGf-3.0KGf
- 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 30mΩ
- JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG, AND CONTACT RESISTANCE SHALL NOT EXCEED 100mΩ
- MEASURING CONDITION:
TEMPERATURE: FROM 5°C TO 35°C.
RELATIVE HUMIDITY: FROM 40% TO 85%
- ENVIRONMENTAL SPECIFICATIONS:
9.1 HUMIDITY TEST: HUMIDITY 90% TO 95% TEMPERATURE $40^\circ C \pm 2^\circ C$ FOR 96 HOURS.
9.2 HEAT TEST: TEMPERATURE $70^\circ C \pm 2^\circ C$ (HUMIDITY BELOW 50%) FOR 96 HOURS.
9.3 COLD TEST: TEMPERATURE $-40^\circ C \pm 2^\circ C$ 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 $245 \pm 5^\circ C$ (TERMINATION SHALL BE IMMERSED IN FLUX BEFORE TEST)
- PACKAGING: TAPE & REEL.
- SOLDERING CONDITION: WAVE SOLDERING.
- TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
- GREEN PRODUCT IDENTIFICATION MARK ON JACK:
- GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **G.P. PASS**
- FOR LEAD-FREE PROCESS.

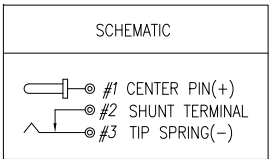


A-A' SECTION

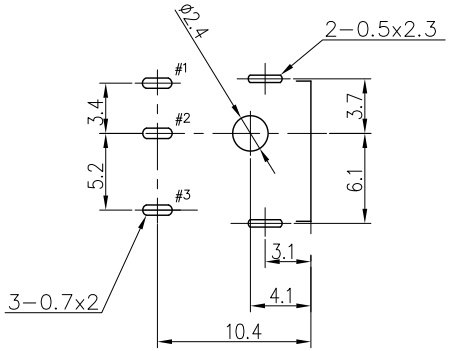


ORDERING CODE:

2DC-G026 201



PART NO.	PIN DIA.
B	$\phi 2.5^{+0}_{-0.1}$
C	$\phi 2.35^{+0}_{-0.1}$



RECOMMENDED P.C.B LAYOUT
TOP VIEW(TOLERANCE: ± 0.05)

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
G	GROUNDING SPRING	1	STAINLESS 0.1t	N/A
F	SHIELDING	1	BRASS STRIP 0.2t	Ni 60u" Min
E	PIN	1	BRASS BAR	Ni 60u" Min
D	TERMINAL	1	BRASS STRIP 0.3t	Ni 60u" Min
C	SHUNT TERMINAL	1	BRASS STRIP 0.3t	Ag 20u" Over Ni20u"
B	TIP SPRING	1	YCUTM-H 0.3T	Ag 20u" Over Ni20u"
A	BODY	1	HIGH TEMP. THERMOPLASTIC UL 94V-0	BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES

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

DECIMALS:	ANGLES:	TITLE	DC POWER JACK		
X : ± 0.5	X : $\pm 2^\circ$	DWN	Danfeng	PART NO. 2DC-G026 201	
X.X : ± 0.3	X.X : $\pm 1^\circ$	CHKD	TOM	SCALE: N/A	UNIT: mm
X.XX : ± 0.2		APVD	QUAN	SIZE: A3	SHEET: 1 OF 1

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