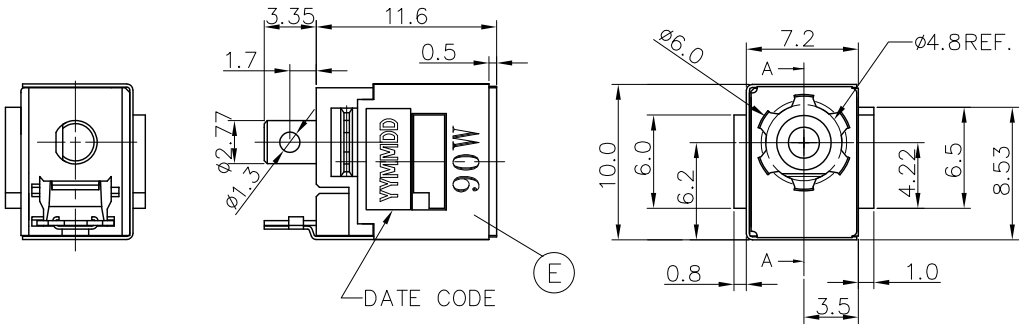
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO.T130208-3A	Yang	2013.03.14



SPECIFICATIONS:

1.ELECTRICAL CHARACTERISTICS:
- 1-1.RATING: DC 20V 7A.
- 1-2.CONTACT RESISTANCE: 30mΩMAX.(INITIAL)
- 1-3.DIELECTRIC WITHSTANDING VOLTAGE: 250V AC FOR ONE MINUTE.
- 1-4.INSULATION RESISTANCE: 100MΩMIN. MEASURED BY 500V DC.

2.MECHANICAL CHARACTERISTICS:
- 2-1.INSERTION FORCE: 2.5Kg.MAX.
- 2-2.WITHDRAWAL FORCE: 1.0Kg~2.5Kg.(INITIAL),0.5Kg~3.0Kg.(AFTER LIFE TEST)

3.LIFE TEST: 5000 CYCLES MIN.

4.OTHER GENERAL SPEC. TO REFER "2DC-G756-BC9H SPEC".

5.TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.

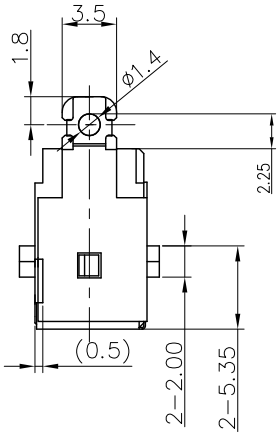
6.GREEN PRODUCT IDENTIFICATION MARK ON JACK: △

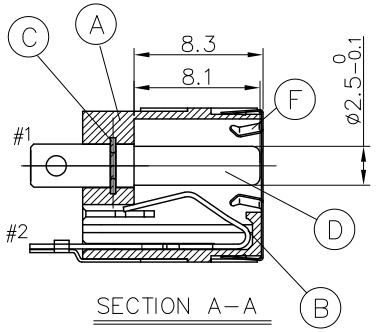
7.GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: G.P. PASS

8.FOR LEAD FREE PROCESS.

9.THE PANEL'S ID MUST BE GREATER THAN THE PLUG'S OD WHICH MUST HAVE A DIFFERENCE OF LESS THAN OR EQUAL TO 0.5 mm.(AS SHOWN IN FIGURE 1.)

10.PRINTED DATE CODE" YYMMDD " ON TOP OF CONNECTOR.
- DD: DAY
- MM: MONTH
- YY: YEAR



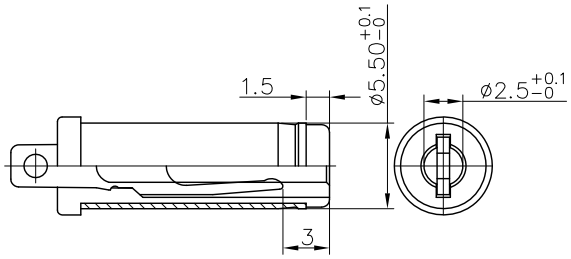


SECTION A-A

SCHEMATIC

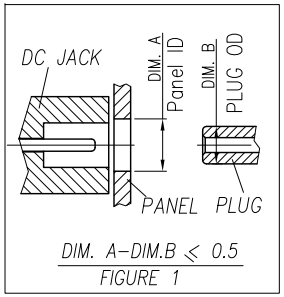
#1 CENTER PIN(+)

#2 SPRING(-)



MATING PLUG

PLUG型號 皇積 5525TVM230-1T23-02-M3.0



DIM. A-DIM.B ≤ 0.5

FIGURE 1

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	GROUND	1	STAINLESS STEEL 0.1T	N/A
E	SHIELDING	1	BRASS TRIP 0.2T	Ni 60u" Min
D	CENTER PIN	1	BRASS ø2.5	GOLD FLASH
C	TERMINAL	1	STAINLESS STEEL 0.3T	N/A
B	SPRING	1	COPPER ALLOY 0.3T	Ag 20u" Min
A	BODY	1	THERMOPLASTIC UL94V-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(NEC)		
DWN	Yang	PART NO.	2DC-G756-BC9H
CHKD	Sky	SCALE:4/1	UNIT: mm
APVD	Lussen	SIZE: A3	SHEET:1 OF 1 REV:A

CUSTOMER COPY

文件編號 RD-06-043-A