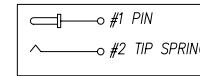
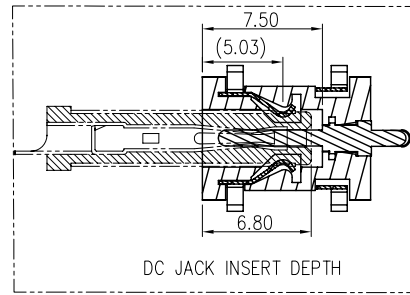
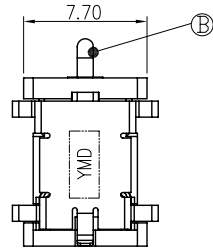
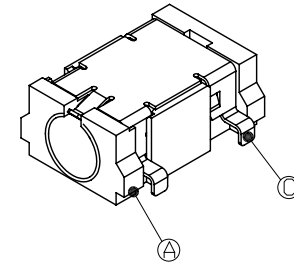


REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	ZiLiang	2017.05.09
B	ECN NO: .C170092 CURRENT RATING 20V 3A TO 20V 4A	ZiLiang	2017.09.15

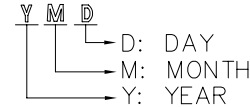


ELECTRICAL CIRCUIT

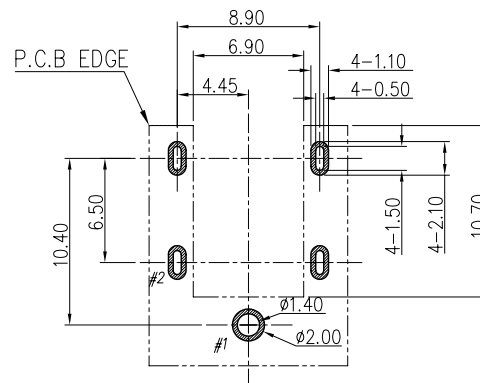
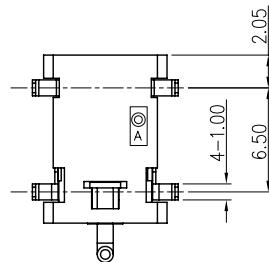
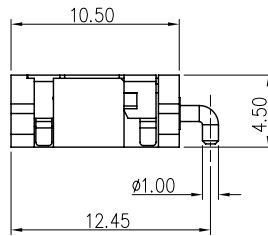
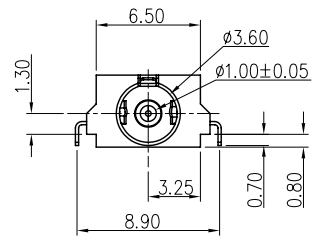


SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
  - 1-1. RATING: 20V, 4A .
  - 1-2. CONTACT RESISTANCE:
    - 30 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 : 0.3~2.5 KGF
  - 2-2. WITHDRAWAL FORCE : 0.3~2.5 KGF
3. LIFE TEST: 5,000 CYCLES MIN.
4. OTHER GENERAL SPEC. TO REFER "2DC2008 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 REFLOW SOLDERING LEAD-FREE PROCESS.
9. PACKAGING: TYPE REEL
10. PRINTED DATE CODE "YMD" ON TOP OF CONNECTOR.

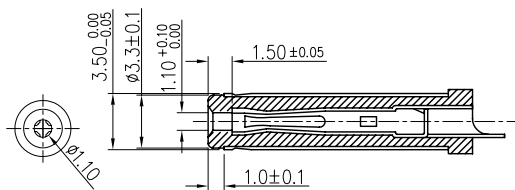


AND Sn 50%Min ON SOLDER AREA  
ALL OVER NICKEL 50%Min PLATING



RECOMMENDED PCB LAYOUT  
(TOP VIEW)(TOL.: ±0.05)

MATE PLUG



C	SHELL	1	COPPER ALLOY	ALL OVER GOLD FLASF PLATING
B	PIN	1	BRASS	ALL OVER GOLD FLASF PLATING
A	BODY	1	HIGH TEMP.THERMOPLASTIC,UL94V-0	BLACK COLOR
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
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 : ±2°	DWN	Stone-Zhu 12/10/26	PART NO. 2DC2008-00112F
X.X : ±0.3	X.X : ±1°	CHKD	Acheng-Lu 17/10/26	SCALE 3:1 UNIT: mm
X.XX : ±0.2		APVD	Max-Mai 17/10/26	SIZE: A3 SHEET1 OF 1 REV: B
CUSTOMER COPY				