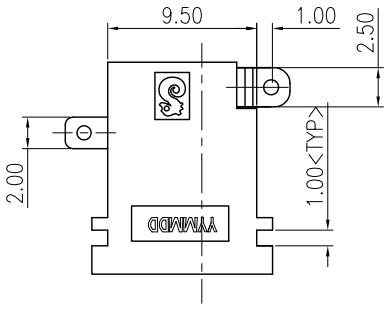
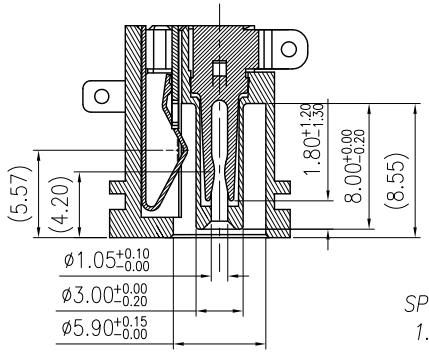
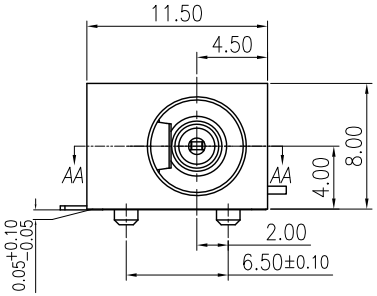
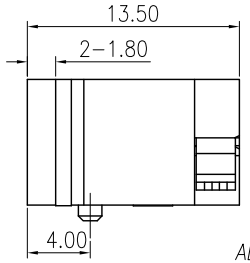
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	ALLEN	2011.01.27



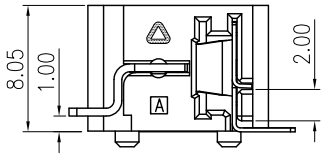


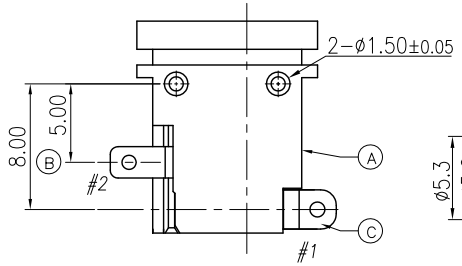
SECTION AA–AA

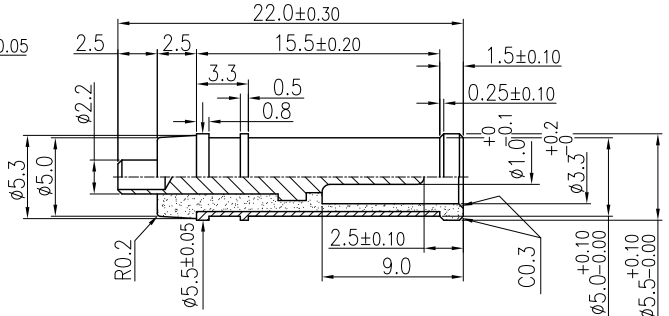




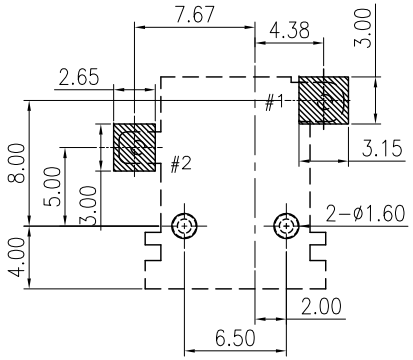
ALL SMT TAIL



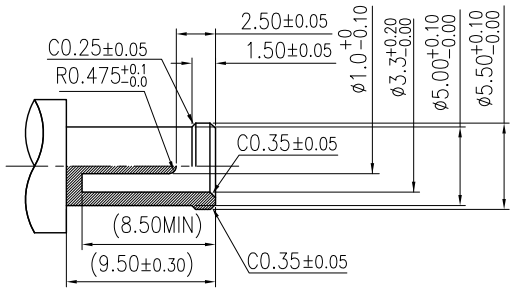




MATE PLUG(2DP1510–000111)



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

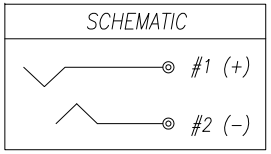


MATE PLUG
(EIAJ RC–5320A STANDARD)

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
   1–1. RATING: 13.5V 2A
   1–2. CONTACT RESISTANCE: 50mΩMAX.(INITIAL)
   1–3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
   1–4. INSULATION RESISTANCE: 100MΩMIN. MEASURED BY 500 V DC
2. MECHANICAL CHARACTERISTICS:
   2–1. INSERTION FORCE : 0.3~3.0 KGF
   2–2. WITHDRAWAL FORCE : 0.3~3.0 KGF
3. LIFE TEST: 10000 CYCLES MIN.
4. OTHER GENERAL SPEC. TO REFER "2DC2000 SERIES 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 260°C 10 SEC REFLOW SOLDERING LEAD–FREE PROCESS.
9. PACKAGING IN Tape &Reel.
10. PRINTED DATE CODE" YYMMDD " ON TOP OF CONNECTOR.
    - DD: DAY
    - MM: MONTH
    - YY: YEAR

SCHEMATIC



C	TERMINAL	1	COPPER ALLOY,T=0.50mm	Ag20u"MIN. Ni 60u"MIN.
B	TIP	1	COPPER ALLOY,T=0.25mm	Ag20u"MIN. Ni 60u"MIN.
A	BODY	1	THEMOSETTING HIGH TEMP	YELLOW (116C)
NO	DESCRIPTION	QTY	MATERIAL	PLATING & 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 JACK SMT 4.0H TYPE		
DWN	Allen 11.01.31	PART NO. 2DC2000–003121H	
CHKD	Winkan 11.01.31	SCALE 3:1	UNIT: mm
APVD	Liao 11.01.31	SIZE: A4	SHEET: 1OF1

REV: A

CUSTOMER COPY

文件編號 RD–06–043–A