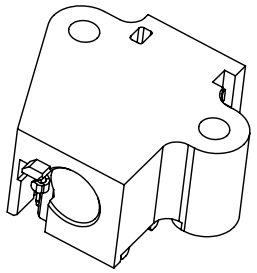
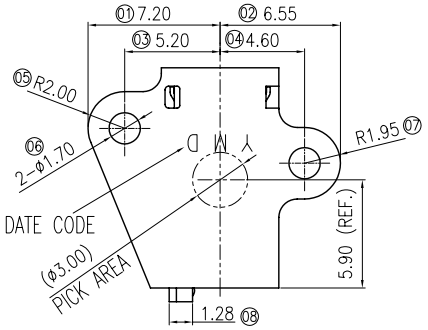
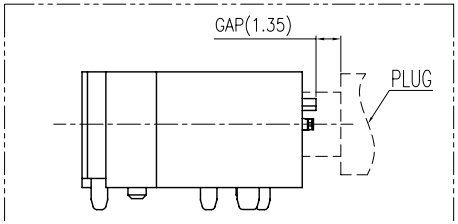
FOR LAB126 ONLY

LAB126 P/N: 16-002527

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	Weijie.Zeng	19.01.11







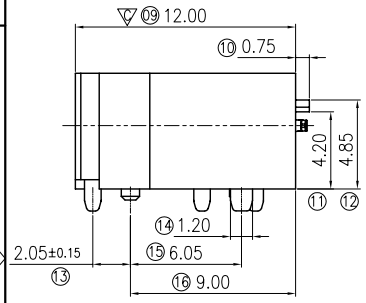
1.THE GAP BETWEEN AJ HOUSING AND PLUG SHOULDER IS 1.35mm WHEN FULLY MATED.

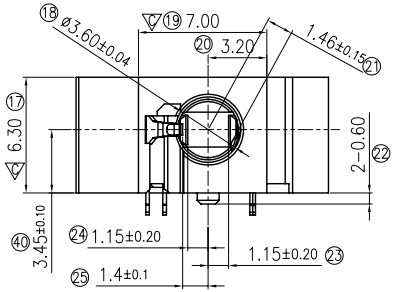
2.GAP MUST BE LESS THAN 1.55mm FOR RELIABLE ENGAGEMENT

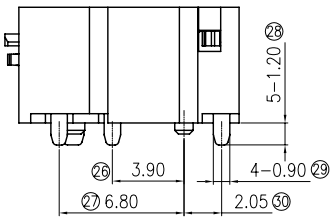
4 POLES PLUG MATING

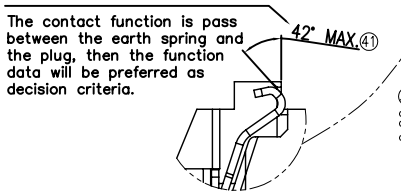
SPECIFICATIONS:

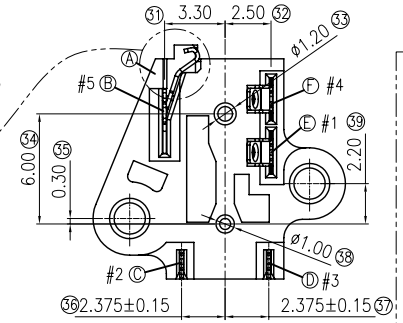
1. ELECTRICAL CHARACTERISTICS:
   - 1-1. CURRENT RATING: 1A
   - 1-2. VOLTAGE RATING: 12V
   - 1-3. CONTACT RESISTANCE: 30mΩ(INITIAL), 50mΩ(AFTER LIFE TEST)
   - 1-4. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
   - 1-5. INSULATION RESISTANCE: 100MΩ MIN. BY 500V DC.
2. MECHANICAL CHARACTERISTICS:
   - 2-1. INSERTION FORCE: 3N~30N
   - 2-2. WITHDRAWAL FORCE: 3N~30N
   - 2-3. LIFE TEST: 10,000 CYCLES
3. ENVIRONMENTAL CHARACTERISTICS:
   - 3-1. SALT MIST TEST CONDITION: PER IEC 68-2-52, SEVERITY(3)
   - 3-2. OPERATING TEMPERATURE: -30°~+80°
   - 3-3. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
   - 3-4. ROHS COMPLIANT PRODUCT.
   - 3-5. HALOGEN FREE PRODUCT IDENTIFICATION MARK: ◎
   - 3-6. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
4. OTHER GENERAL SPEC. TO REFER "2SJ2439 SERIES SPEC."
5. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
6. FAI NO. MARK: ⓕ
7. CPK NO. MARK: ▽c (DIM NO.: 09,17,19)
8. PACKAGING: TAPE & REEL

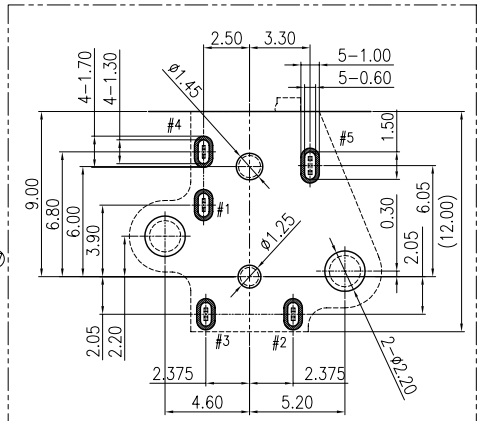






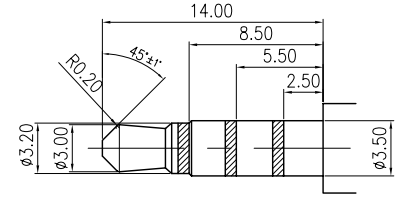






RECOMMENDED PCB LAYOUT (TOP VIEW)

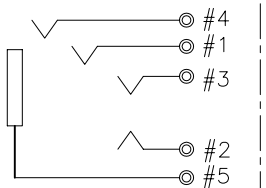
LAYOUT TOLERANCE: ±0.05MM



MATING PLUG (1/2 SCALE)

ø3.5 4-POLES STANDARD PLUG(TOL:±0.05)

SCHEMATIC



NO.	DESCRIPTION	QTY.	MATERIAL	PLATING & COLOR
A	HOUSING	1	PA46+30%GF,HB,(DSM)	BLACK
B	EARTH	1	YCUT-FX-H 0.20T	Au 30u"MIN ON CONTACT AREA, GOLD FLASH ON SOLDER AREA, NICKEL 50u"MIN UNDER PLATING OVER ALL.
C	TIP-A	1	YCUT-FX-H 0.20T	
D	TIP-B	1	YCUT-FX-H 0.20T	
E	RING-A	1	B18 R685(SA) 0.15T	
F	RING-B	1	B18 R685(SA) 0.15T	

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: X :±0.3, X.X :±0.2, X.XX :±0.10, X.XXX :±0.05

ANGLES: X :±2°, X.X :±1°

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

TITLE	ø3.5 PHONE JACK		
DWN	Weijie-Zeng 19/01/15	PART NO.: 2SJ2439-0A2111F	
CHKD	Qicai-Hu 19/01/15	SCALE 4:1	UNIT: mm
APVD	jim-deng 19/01/15	SIZE: A3	SHEET:1 OF 1 REV: A

CUSTOMER COPY

文件編號:RD-06-043-A