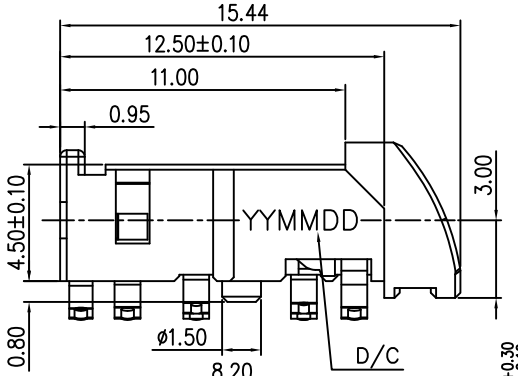
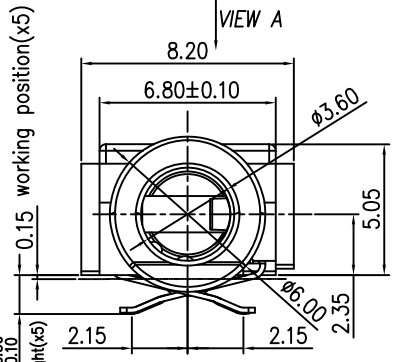
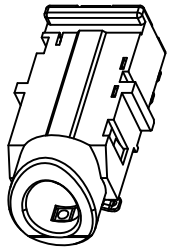
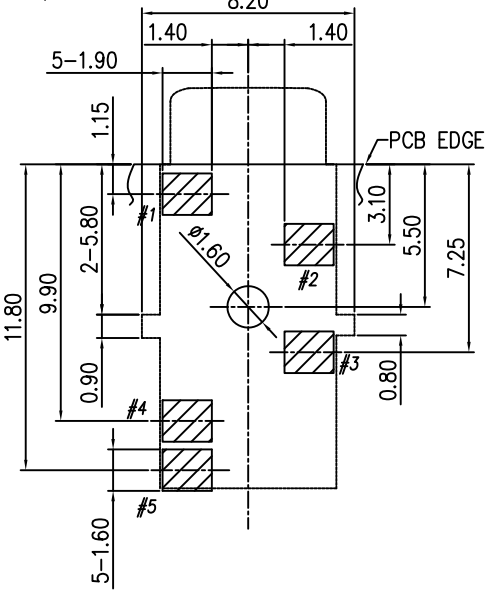
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	FIRST RELEASE	Sticky-Hu	2010.03.16

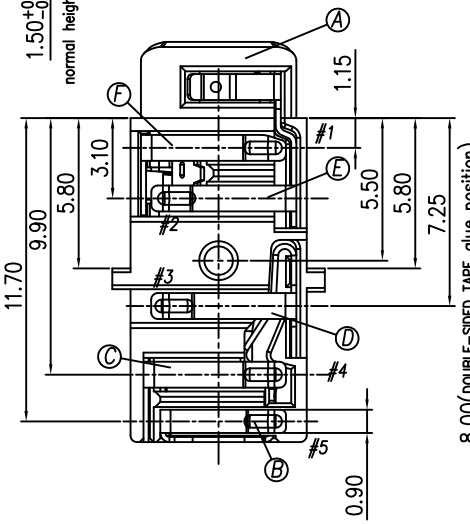


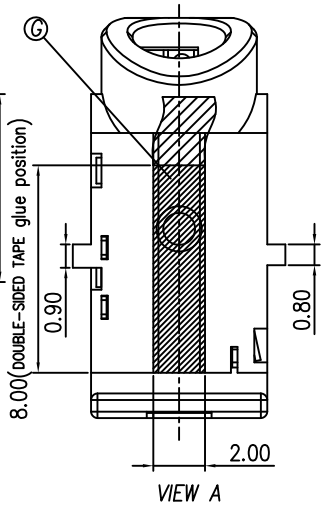






RECOMMENDED PCB LAYOUT
TOP VIEW (TOLERANCE: ±0.05)





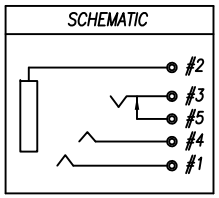
VIEW A

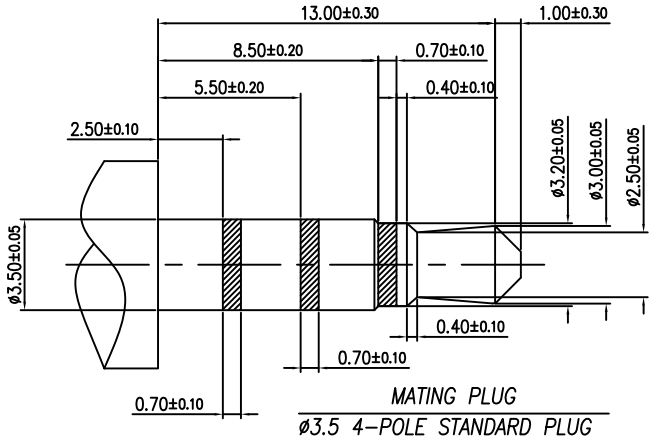
SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
   1−1.RATING: 12V 1A
   1−2. CONTACT RESISTANCE: 30mΩ MAX.
   1−3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE
   1−4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC
2. MECHANICAL CHARACTERISTICS:
   2−1. INSERTION FORCE : 0.5~3.0 KGF (INITIAL)
   2−2. WITHDRAWAL FORCE : 0.5~3.0 KGF (INITIAL)
   2−1. INSERTION FORCE : 0.3~3.0 KGF (AFTER LIFE TEST)
   2−2. WITHDRAWAL FORCE : 0.3~3.0 KGF (AFTER LIFE TEST)
3. LIFE TEST: 5,000 CYCLES MIN.
4. OTHER GENERAL SPEC. TO REFER "2SJ2291 SERIES SPEC".
5. TO CONFORM TO THE SINGATRON HARDUABRON SUBSTANCE FREE SPEC.
6. GREEN PRODUCT IDENTIFICATION MARK ON JACK: ◎
7. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING:

PRODUCT NO.
2SJ2291−400111
PACKAGING
1.TRAY
CONTACT PLATING
1.GOLD FLASH
NICKEL UNDERPLATING
BODY COLOR
1.BLACK

SCHEMATIC





MATING PLUG
ø3.5 4−POLE STANDARD PLUG

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
G	DOUBLE−SIDED TAPE	1	TESA 60975 T=0.10	
F	RING−B	1	COPPER ALLOY 0.2t	SEE"PRODUCT NO."
E	EARTH	1	COPPER ALLOY 0.2t	
D	TIP SPRING	1	COPPER ALLOY 0.2t	
C	RING−A	1	COPPER ALLOY 0.2t	
B	SHUNT SPRING	1	COPPER ALLOY 0.2t	
A	BODY	1	THERMOPLASTIC _ HF UL 94V-0	

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: ANGLES:
X :±0.5 X :±2°
X.X :±0.3 X.X :±1°
X.XX :±0.2

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

TITLE	3.5ø PHONE JACK		
DWN	Sticky-Hu 2010.05.10	PART NO. 2SJ2291−400111	
CHKD	Robin 2010.05.10	SCALE 5:1	UNIT: mm
APVD	Liao 2010.05.10	SIZE: A3	SHEET: 1OF1
		REV: A	

CUSTOMER COPY

文件編號 RD−06−043−A