

JACK CIRCUIT

PCB LAYOUT  
BOTTOM VIEW

SPECIFICATIONS :

1. ELECTRICAL REQUIREMENTS :

1.1 CURRENT CARRYING RATING : 24V DC 2AMP MAX.

1.2 CONTACT RESISTANCE :

1.2.1 INITIAL (BEFORE ANY TESTING) :

20 MILLIOHMS MAX.

1.2.2 AFTER 500 CYCLES TEST : 50 MILLIOHMS MAX.

1.3 INSULATION RESISTANCE :

50 MEGOHMS MIN. AT 500V DC.

1.4 DIELECTRIC WITHSTANDING VOLTAGE :

250V AC FOR 1 MINUTE.

2. MECHANICAL REQUIREMENTS :

2.1 INSERTION FORCE : 0.4KG - 1.6KG

2.2 WITHDRAWAL FORCE : 0.4KG - 1.4KG

2.3 MECHANICAL LIFE CYCLES :

AFTER 5,000 CYCLES WITHOUT BREAKDOWN.

3. "\*" SEE "TABLE 1" IN PAGE 2 OF 2

4. MARKING : MARK "SINGATRON" ON REAR OF CONNECTOR.

5. WITHSTANDING TORQUE : 1.5gf-cm MAX.

10	COIL SPRING-B	1	SUS
9	COIL SPRING-A	1	SUS
8	SHUNT TERMINAL-B	*	BRASS 0.3t SILVER PLATING
7	RING SPRING	*	BRASS 0.25t SILVER PLATING
6	SHUNT TERMINAL-A	*	BRASS 0.3t SILVER PLATING
5	TIP SPRING	*	BRASS 0.3t SILVER PLATING
4	EARTH TERMINAL	1	BRASS 0.3t SILVER PLATING
3	METAL	1	BRASS NICKEL PLATING
2	COVER	1	POLYCARBONATE UL 94V-0 TRANSPARENT
1	BODY	1	PBT UL 94V-0 BLACK COLOR
LTR	PART NAME	QTY	MATERIAL & SPEC



Singatron Enterprise Co., Ltd.

信音企業股份有限公司

TITLE	3.5φ STEREO JACK		
DWN	CHEN 3/31-'98	UNIT: MM	CAD NO. SJ-1372M
CHKD		SCALE: 3/1	DWG NO.
APPVD	SAW 3/31-'98	SIZE: B4	NEW NO. 2SJ-037□3□13 SERIES OLD NO. SJ-137□□-M SERIES

" TABLE I "

DRAWING NO. (NEW NO.)	DRAWING NO. (OLD NO.)	CIRCUIT FIG.	"B" DIMENSION	TIP SPRING	RING SPRING	SHUNT TERMINAL-A	SHUNT TERMINAL-B
ZSJ-03723T13	SJ-1372M	FIG. 1	M6xP0.5	1	1	1	1
2SJ-03723N13	SJ-1372N-M	FIG. 1	6 $\phi$ ±0.1	1	1	1	1
2SJ-03733T13	SJ-1373M	FIG. 2	M6xP0.5	1	1		
2SJ-03733N13	SJ-1373N-M	FIG. 2	6 $\phi$ ±0.1	1	1		
ZSJ-03743T13	SJ-1374M	FIG. 3	M6xP0.5	1	1	1	
2SJ-03743N13	SJ-1374N-M	FIG. 3	6 $\phi$ ±0.1	1	1	1	
2SJ-03753T13	SJ-1375M	FIG. 4	M6xP0.5	1		1	
2SJ-03753N13	SJ-1375N-M	FIG. 4	6 $\phi$ ±0.1	1		1	

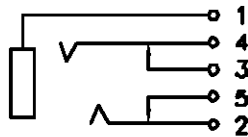


FIG. 1

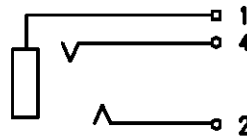


FIG. 2

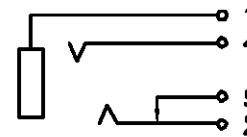


FIG. 3

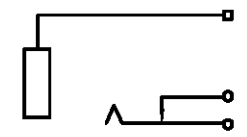

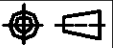


FIG. 4

CIRCUIT:

LTR	PART NAME	QTY	MATERIAL & SPEC
	 Singatron Enterprise Co., Ltd. 信音企業股份有限公司		
TITLE	3.5 $\phi$ STEREO JACK		
DWN	CHEN 4/3-'98	UNIT: MM	 CAD NO. SJ1372M
CHKD		SCALE: 1/1	
APPVD	SM 4/3-'98	SIZE: B4	DWG NO. NEW NO. 2SJ-037□3□13 SERIES OLD NO. SJ-137□□-M SERIES