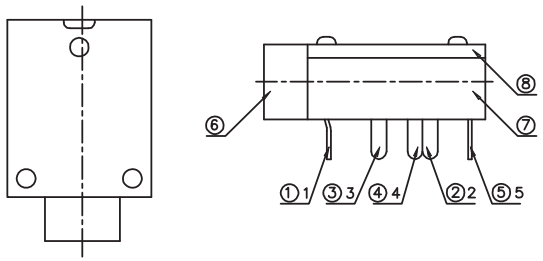
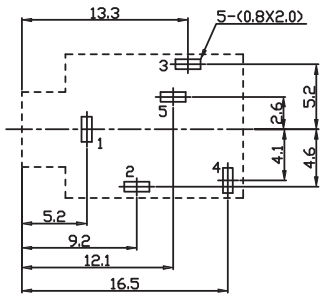
DWG. NO. JK-0503-F REV. "D"

P/N: RSJ-36XX-NL

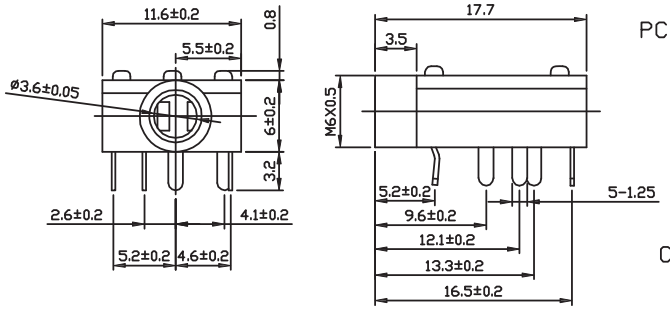
NO THREADS

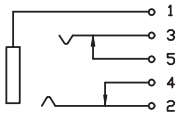


SERIES RSJ-362 5PIN

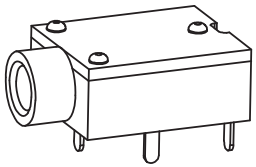


PCB LAYOUT TOP VIEW

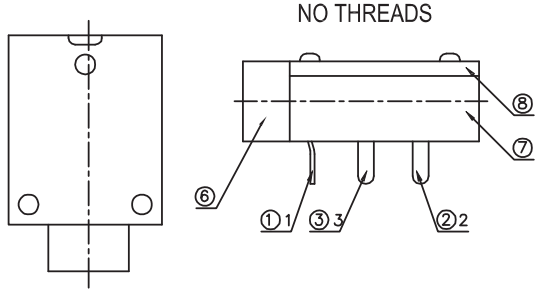




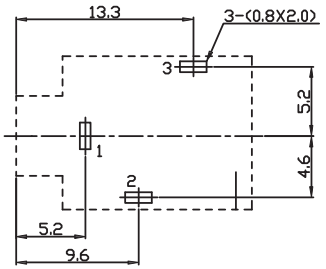
CIRCUIT DIAGRAM



NO THREADS



SERIES RSJ-363 3PIN



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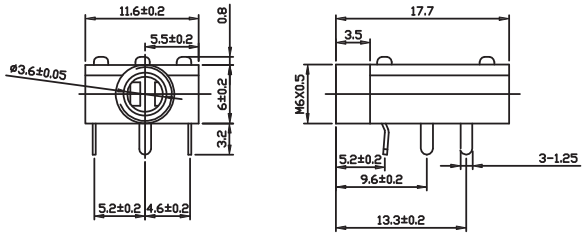
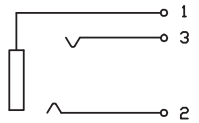
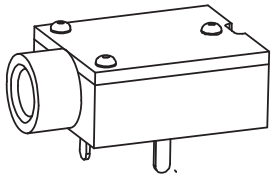




CIRCUIT DIAGRAM



No.	PART NAME	QTY	MATERIAL(THICK, COLOR)	REMARK
⑧	COVER PC-PJ-3065A-Z3	1	PC UL94V-0	
⑦	HOUSING PH-PJ-3065A-Z2	1	PBT UL94V-0	
⑥	FIX TURN MS-PJ-3065A-Q4C	1	H59	CuSn-Plated
⑤	TERMINAL MT-PJ-3065A-5Q3S	1	BRASS t=0.3	Ag-Plated
④	TERMINAL MT-PJ-3065A-4Q3S	1	BRASS t=0.3	Ag-Plated
③	TERMINAL MT-PJ-3065A-3Q3S	1	BRASS t=0.3	Ag-Plated
②	TERMINAL MT-PJ-3065A-2Q3S	1	BRASS t=0.3	Ag-Plated
①	TERMINAL MT-PJ-3065A-1Q3S	1	BRASS t=0.45	Ag-Plated

ECN#	DATE	SYM	REVISION RECORD	AUTH	BY
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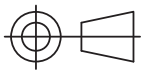
06-136	02/25/06	B	CHANGED THE PART TO RoHS COMPLIANT	VC	JY
02-390	9/12/02	A	P/N RSJ-362/363 WAS RSJ-HCY-352, REVISED DWG. & SPECS AS SHOWN	BM	JY

PROJECTION



SCALE NONE

TOLERANCE EXCEPT AS NOTED

DEC. MILLIMETERS
X. ±0.5
X.X ±0.3
X.XX ±0.15

ANG. ±3°

RDI Research Develop Innovate

RDI, Inc. 333 North Bedford Road, Suite 135, Mount Kisco, NY 10549

TITLE: STEREO JACK-RoHS COMPLIANT

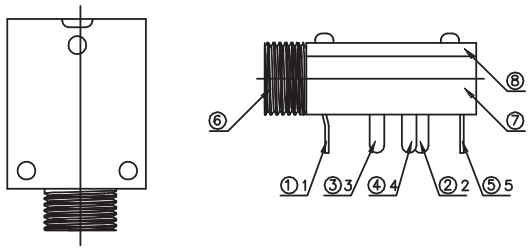
DR.	DATE	REF.	SHEET
JOEY	8/22/01	P/N: RSJ-36XX-NL	1 OF 4

CK.	PRE-	DRAWING NO.	SIZE	REV.
SL	JK	0503	F	D

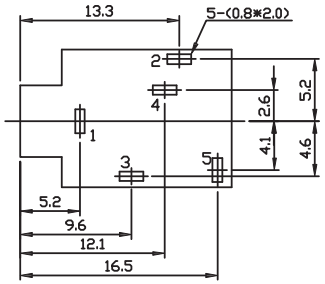
DWG. NO. JK-0503-F REV. "D"

P/N: RSJ-36XX-NL

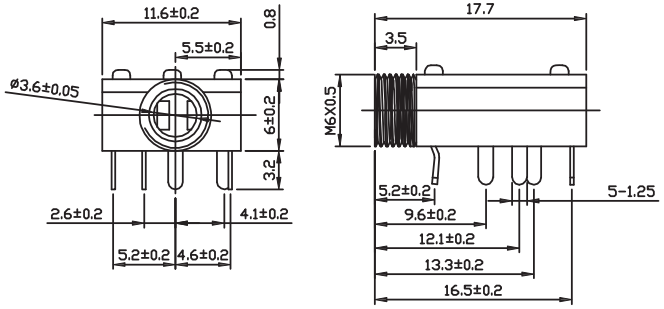
WITH THREADS

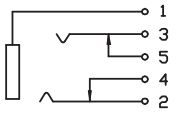


SERIES RSJ-362 5PIN

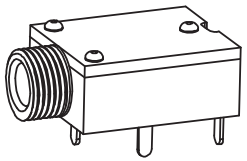


PCB LAYOUT TOP VIEW

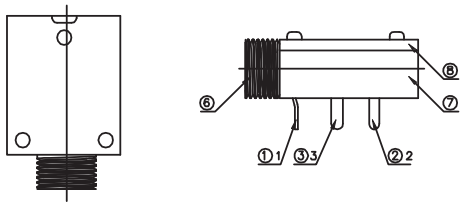




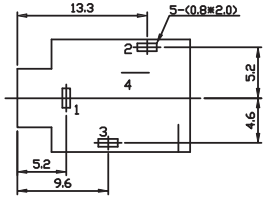
CIRCUIT DIAGRAM



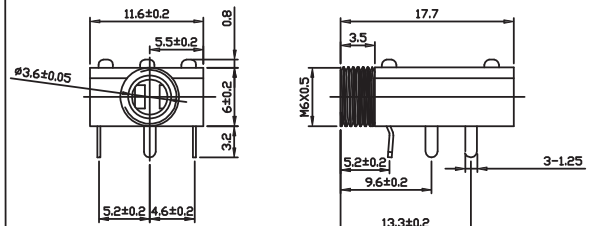
WITH THREADS

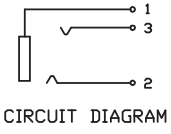


SERIES RSJ-363 3PIN

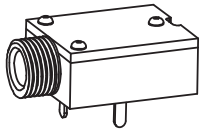


PCB LAYOUT TOP VIEW





CIRCUIT DIAGRAM



No.	PART NAME	QTY	MATERIAL(THICK, COLOR)	REMARK
⑧	COVER PC-PJ-3065A-Z 3	1	PC UL94V-0	
⑦	HOUSING PH-PJ-3065A-Z 2	1	PBT UL94V-0	
⑥	FIX TURN MS-PJ-3065AM-Q 4S	1	H59	Ag-Plated
⑤	TERMINAL MT-PJ-3065A-5Q 3S	1	BRASS t=0.30	Ag-Plated
④	TERMINAL MT-PJ-3065A-4Q 3S	1	BRASS t=0.30	Ag-Plated
③	TERMINAL MT-PJ-3065AM-3Q 1S	1	PHOSPHOR BRONZE t=0.30	Ag-Plated
②	TERMINAL MT-PJ-3065AM-2Q 1S	1	PHOSPHOR BRONZE t=0.30	Ag-Plated
①	TERMINAL MT-PJ-3065AM-1Q 3S	1	BRASS t=0.45	Ag-Plated

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10-269	10/15/10	C	Change to SERIES DWG TO p/n RSJ-36XX-NL	CP	AL
06-136	02/25/06	B	CHANGED THE PART TO RoHS COMPLIANT	VC	JY
02-390	9/12/02	A	P/N RSJ-362/363 WAS RSJ-HCY-352, REVISED DWG. & SPECS AS SHOWN	BM	JY

PROJECTION

SCALE NONE

TOLERANCE EXCEPT AS NOTED

DEC. MILLIMETERS
X. ±0.5
X.X ±0.3
X.XX ±0.15

ANG. ±3°

RDI Research Develop Innovate

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TITLE: STEREO JACK-RoHS COMPLIANT

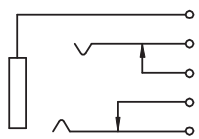
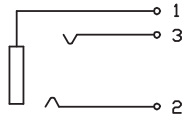
DR.	DATE	REF.	SHEET
JOEY	8/22/01	P/N: RSJ-36XX-NL	2 OF 4

CK.	PRE-	DRAWING NO.	SIZE	REV.
SL	JK	0503	F	D

DWG. NO. JK-0503-F REV. "D"

SPECIFICATION

P/N: RSJ-36XX-NL

MODEL NO.	RSJ-362-NL * RSJ-362N-NL * (SEE NOTE 3)	RSJ-363-NL * RSJ-363N-NL * (SEE NOTE 3)
SCHEMATIC		

* N: NON THREADED BUSHING

NOTES:
1. ALL DIMS ARE GIVEN IN MM.
2. SEE SHEETS 2 & 3 FOR SPECIFICATIONS
3. THERE ARE TWO KINDS OF THE BUSHING
   A. WITH SCREW THREAD: M6XP0.5
   B. W/O SCREW THREAD: Ø6 mm

RATING:	DC 50V 0.3A		
PRACTICAL TEMPERATURE RANGE	-16~65°C		
STANDARD ATMOSPHEIC CONDITIONS	UNLESS OTHER WISE SPECIFIED THE STANDARD RANGE OF ATMOSPHERIC CONDITIONS FOR MAKING MEASUREMENTS AND TESTS ARE AS FOLLOWS: (1)BETWEEN BODY AND CONDUCTOR:5°C TO 35°C (2)BETWEEN CONDUCTORS NOT TO BE CONTACT:45% TO 85% (3)PRESSURE:86Kpa TO 106Kpa		
MECHANICAL			
ITEM		TEST CONDITIONS	PERFORMANCE
1	CONNECTION FORCE	MEASUREMENT SHALL BE MADE AFTER CONNECTIONS AND DISCONNECTING USING STANDARD PLUG GAUGE 3 TIMES.	3~20N
2	DISCOONNECTION FORCE	MEASUREMENT SHALL BE MADE AFTER CONNECTIONS AND DISCONNECTING USING STANDARD PLUG GAUGE 3 TIMES.	3~20N
ELECTRICAL			
ITEM		TEST CONDITIONS	PERFORMANCE
3.1	CONTACT RESISTANCE	MEASURED AT SMALL CORRENT (100mA OR LESS) 1000Hz	≤0.03Ω
3.2	INSULATION RESISTANCE	APPLY A VOLTAGE OF 500V DC FOR 1 MIN TO FOLLOWING PORTIONS AFTER WHICH MEASUREMENT SHALL BE MADE: (1)BETWEEN BODY AND CONDUCTOR (2)BETWEEN CONDUCTORS NOT TO BE CONTACT (3)BETWEEN CONDUCTORS NOT TO BE WHEN PLUG IS INSERITED DC 500V 1MIN	≥100MΩ
3.3	DIELECTRIC STRENGTH	AC 500V ims(50~60Hz) FOR 1 MIN TRIP CURRENT:0.5mA (1)BETWEEN BODY AND CONDUCTOR (2)BETWEEN CONDUCTORS NOT TO BE CONTACT (3)BETWEEN CONDUCTORS NOT TO BE WHEN PLUG IS INSERITED DC 500V 1 MIN	WITHOUT DAMAGE TO PARTS ARCING OR BREAKDOWN ETC

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PROJECTION

SCALE NONE

TOLERANCE EXCEPT AS NOTED
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X. ±0.5
X.X ±0.3
X.XX ±0.15
ANG. ±3°

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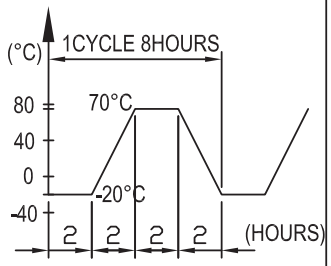
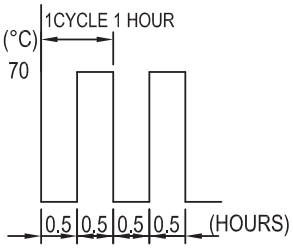
CK.	PRE-	DRAWING NO.	SIZE	REV.
SL	JK	0503	F	D

DWG. NO. JK-0503-F REV. "D"

P/N: RSJ-36XX-NL

URABILITY

ITEM		TEST CONDITIONS	PERFORMANCE
4.1	SOLDERA-BILITY TEST	THE TOP OF THE TERMINALS SHALL BE DIPPED 1mm IN THE SOLDER BATH OF 240±5°C FOR 3±0.5 SECONDS	(1)SOLDER WETTING TIME SHALL BE 3 SEC OR LESS (2)THE AREA OF SOLDERING SHOULD BE OVER 75%
4.2	RESISTANCE TO SOLDERING HEAT TEST	SOLDERING IRON METHOD: BIT TEMPERATURE 330±5°C APPLICATION TIME OF SOLDERING IRON 3±0.5 SEC HOWEVER EXCESSIVE PRESSURE SHALL NOT BE APPLIED TO THE TERMINAL	WITHOUT DEFORMATION OF CASE OR EXCESSIVE LOOSENESS OF TEMINALS ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED
4.3	HUMIDITY TEST	THE JACK SHALL BE STORED AT A TEMPERATURE OF 40±2°C AND A HUMIDITY OF 90% TO 96% FOR 96 Hr,THEN THE JACK SHALL BE MAINTAINED AT STANDARD ATMOSPHERIC CONDITION FOR 1 Hr FOR OTHER PROCEDURES.	THERE SHALL BE NO DAMAGE ON APPEARANCE MECHANICAL AND ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED.
4.4	HEAT TEST	THE JACK SHALL BE STORED AT A TEMPERATURE OF 70±2°C FOR 96 HOURS,AND THEN IT SHALL BE SUBJECTED TO THE CONTROLLED RECOVERY MEASURBM	
4.5	COLD TEST	THE JACK SHALL BE STORED AT A TEMPERATURE OF -25±3°C FOR 96 HOURS AND THEN IT SHALL BE SUBJECTED TO THE CONTROLLED RECOVERY CONDITIONS FOR 1 HOUR AFTER WHICH	THERE SHALL BE NO DAMAGE ON APPEARANCE MECHANICAL AND ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED.
4.6	LIFE TEST	WITHOUT LOAD CONNECTION AND DISCONNECTION SHALL BE MADE WITH THE MATING PLUG AND JACKS FOR 5,000CYCLES AT A SPEED OF 10 TO 25 CYCLES/MIN	(1)CONTACT RESISTANCE SHALL BE ≤0.1Ω (2)DISCONNECTION FORCE SHALL BE 3 TO 20N (3) MECHANICAL AND ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED
4.7	TEMPARATURE CYCLING TEST	THE JACK SHALL BE SUB JECTED TO 5 CYCLES OF THE FOLLOWING CONDITIONS SHOWED IN THE FIGURE,AND THEN SHALL RETURNED ALLOWD TO REMAIN IN ROOM AMBIENT CONDITION FOR 30 MINUTES 	THERE SHALL BE NO DEFORMATION OF CRACKS IN MOLDED PART INSERTION&EXTRACTION FORCE:3 TO 20 N CONTACT RESISTANCE:MAX 30MΩ INSULATION RESISTANCE:MIN 100MΩ DIELECTRIC WITHSTANDING VOLTAGE:500VAC/MIN(BETWEEN TERMINALS)
4.8	COLD&TEAT SHOCK TEST	THE JACK SHALL BE SUBJECTED TO 5 CYCLES OF THE FOLLOWING CONDITIONS SHOWED IN THE FIGURE,AND THEN SHALL RETURNED ALLOWD TO REMAIN IN ROOM AMBIENT CONDITION FOR 30 MINUTES 	THERE SHALL BE NO DEFORMATION OF CRACKS IN MOLDED PART INSERTION&EXTRACTION FORCE:3 TO 20 N CONTACT RESISTANCE:MAX 30MΩ INSULATION RESISTANCE:MIN 100MΩ DIELECTRIC WITHSTANDING VOLTAGE:500VAC/MIN(BETWEEN TERMINALS)

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TOLERANCE EXCEPT AS NOTED

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