

DWG. N0. JK-4062-F

PART NO.RH1039M-XXX-G-NL

2. CONSTRUCTION SIGNAL, USED AS CONNECTION PART. THIS SPECS IS SUITABLE FOR AV PIN JACK, WHICH IS SUITABLE FOR INPUT/OUTPUT OF AUDION/VIDEO

RELEVANT DRAWINGS THE EXTERNAL DIMENSIONS OF THIS PRODUCT AND ITS INTERNAL TOLERANCES ARE BASED ON

3. MATERIAL

REFER TO THE MATERIAL SHEET SHOWED IN THE DRAWING 4. APPLIED ENVIRONMENT

(1) TEMPERATURE: -40~70°C

(2) RELATIVE HUMIDITY: <90%-95%(55°C±2°C)
5. ELECTRICAL PROPERTIES

	5.4	5.3	5.2	5.1	N _O
	INSULATION RESISTANCE	5.3 CONTACT RESISTANCE	DIELECTRIC STRENGTH	RATING LOAD	No. ITEMS
AND OUT CONDUCTOR AND TEST IT ATTER 1 MIN	APPLY DC 500V BETWEEN PIN	FREQUENCY: 1000Hz;CURRENT <100mA VOLTAGE: 20mV	AC 500V(50Hz) 1 MIN 2mA	DC 12V	TECHNICAL CONDITIONS
	≥100MOHM	≤20mOHM	NO ABNORMALITY,NO BREAKDOWN,NO OVER ARC.	1A	TECHNICAL REQUIREMENTS

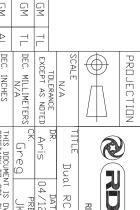
6. MECHANICAL PROPERTIES

6.2	6.1	No.
TERMINAL STRENGTH	EXTRACTION FORCE	ITEMS
PULL THE TERMINAL WITH 20 N FORCE IN AXES DIRECTION FOR 1 MINUTE, THE JACK WILL NOT BE BROKEN OR DAMAGED.	USE STANDARD PLUG MEASURE IT AFTER 3 TIMES OF INSERTION USE STANDARD PLUG MEASURE IT AFTER 3 TIMES OF EXTRACTION	TECHNICAL CONDITIONS
APPEARANCE: NO DEFORMING AND LOOSING CONTACT RESISTANCE: \$30mOHM INSULATION RESISTANCE: \$100MOHM VOLTAGE WITHSTANDING: AC500V,2mA,1MIN,NO BREAKDOWN,NO OVER ARC.	3~25N 3~25N	TECHNICAL REQUIREMENTS

6.4		;	ი ა	No.		
STRENGTH OF TAPPING PANT		MECHANICAL LIFE				
THE TO PPING PART SHALL BE CAPABLE OF TORGUE OF 1 N.m FOR 10 SECONDS BY M3X8 TAPPING SCREW AND PANEL(TL)		INSERTING AND EXTRACTING 1000 TIMES WITHOUT LOAD AT THE SPEED OF 10~20 CYCLES PER MINUTE.				
WIHTOUT LOOSING AND BREAKDOWN ETC.ELECTRICAL CHARACTERIATICS SHALL BE SATIAFIED.	INSERTION FORCE: ≤3~25N EXTRACTION FORCE: 3~25N	INSULATION RESISTANCE: ≥ 100MOHM VOLTAGE WITHSTANDING: AC500V,2mA,1MIN,NO BREAKDOWN,NO OVER ARC.	APPEARANCE: NO DEFORMING AND LOOSING CONTACT RESISTANCE: \$30mOHM	TECHNICAL REQUIREMENTS		

SOLDERING PROPERTIES

No.	ITEMS	TECHNICAL CONDITIONS	TECHNICAL REQUIREMENTS
7.1	SOLDER-ABILITY	SOLDER BATH METHOD: TEMPERATURE: 230°C ± 5 °C FLUX DIPPING TIME 3± 0.5s SECONDS	SOLDER COVERED SURFACE>90%
			APPEARANCE: TERMINAL NO LOOSING
7.2	SOLDERING	SOLDER BATH METHOD:	CONTACT RESISTANCE: ≤50mOHM
	WITHSTANDING	TEMPERATURE: 260± 5° C FLUX DIPPING TIME: < 5 s ± 1s	INSULATION RESISTANCE: ≥ 100MOHM
			VOLTAGE WITHSTANDING: AC500V.2mA.1MIN.NO
			BREAKDOWN,NO OVER ARC
			INSERTION FORCE: 3~25N
			EXTRACTION FORCE: 3~25N





Research Develop Innovate

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

Dual RCA JACK/RoHS Compliant

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	DOCUMENT FOR	NT IS OWNED BY RECEI	CK PRE-	04/12/11	DATE
	THIS DOCUMENT WITHOUT THE WRITTEN CONSETT OF RDI, AND A RETURN THIS DOCUMENT FORTHWITH UPON REQUEST.	THIS DOCUMENT IS OWNED BY, AND THE INFORMATION CONTAINED IN IT IS PROPRIETARY TO, RDI, BY RECEIPT HEREOF THE HOLDER AGREES NOT TO USE THE NUMBER AGREES NOT TO SEPONDICE THE NAME ALONG VALUE OF AGREES AGREES.	PAWING NO. SIZE	NO. RH1039M-XXX	REF.
	AGREES TO	D IN IT IS PRO-		2 무 3	SHEET

11-060 4/21/11 3-034 4/5/13

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ADD PC

LEAD DIMENSION 4.7MM +/-REVISION RECORD

3-040 5/2/13

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ADD ADDITIONAL INSERT COLOR TO CHART "O= Orange" ADD *OPTION 090* into color chart as Y over Y for yellow/yellow inserts for A & B barrel of the RCA

ECN#

DATE SYM

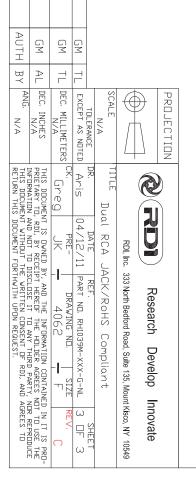
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8. ENVIRONMENT PROPERTIES

INSERTION FORCE: 3~25N EXTRACTION FORCE: 3~25N			
VOLTAGE WITHSTANDING: AC500V,2mA,1MIN,NO BREAKDOWN,NO OVER ARC.	IN STANDARD ATMOSPHERIC CONDITIONS.		
INSULATION RESISTANCE: ≥10MOHM	TIME:96HOURS MEASURE AFTER ONE HOUR DECOVERY		
CONTACT RESISTANCE: \$50mOHM	TEMPERATURE: 40±3°C,	COLD WITHSTANDING	&
APPEARANCE: NO DEFORMING AND LOOSING			
EXTRACTION FORCE: 3~25N			
INSERTION FORCE: 3~25N			
VOLTAGE WITHSTANDING: AC500V,2mA,1MIN,NO BREAKDOWN,NO OVER ARC.	MEASURE AF IER ONE HOUR RECOVERY IN STANDARD ATMOSPHERIC CONDITIONS		
INSULATION RESISTANCE: ≥ 10MOHM	RELATIVE HUMIDITY: 90~95% TIME: 96HOURS	WITHSTANDING	
CONTACT RESISTANCE: ≤50mOHM	TEMPERATURE: 40 ± 2°C,	YTIQIMUH	8.2
APPEARANCE: NO DEFORMING AND LOOSING			
TERMINAL ROBUSTNESS: 10N,1MIN,APPEARANCE: NO DEFORMING AND DAMAGE.			
EXTRACTION FORCE: 3~25N			
INSERTION FORCE: 3~25N			
VOLTAGE WITHSTANDING: AC500V,2mA,1MIN,NO BREAKDOWN,NO OVER ARC.	STANDARD ATMOSPHERIC CONDITIONS		
NSULATION RESISTANCE: ≥ 100MOHM	KEEP 96 HOURS AND MEASURE AFTER ONE	WITHSTANDING	
CONTACT RESISTANCE: \$50mOHM	TEMPERATURE: 70± 2°C,	HEAT	8. <u>-</u>
APPEARANCE: NO DEFORMING AND LOOSING			
TECHNICAL REQUIREMENTS	TECHNICAL CONDITIONS	ITEMS	N _O

							8.4	No.
						C t C E	TEMPERATURE	ITEMS
40°C 30MN	25°C		70°C 30MIN	ATMOSPHERIC CONDITIONS	ONE CYCLE TOTAL 5 CYCLES. MEASURE AFTER 24 HOURS	THEN INCREASE FROM -40°C TO 70°C TO COMPLETE	DECREASE FROM 25°C TO	TECHNICAL CONDITIONS
APPARANCE:HIGH-LOW TEMPERATURE TESTING CHAMBER	EXTRACTION FORCE: 3~25N	INSERTION FORCE: 3~25N	AC500V,2mA,1MIN,NO BREAKDOWN,NO OVER ARC.	VOLTAGE WITHSTANDING:	INSULATION RESISTANCE: ≥100MOHM	CONTACT RESISTANCE: ≤50mOHM	APPEARANCE: NO DEFORMING AND LOOSING	TECHNICAL REQUIREMENTS

9. THIS PRODUCT SHOULD MEET EU ROHS RELATED REPUIREMENT.



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