



**NOTES:**

1. THIS PRODUCT IS RoHS COMPLIANT
2. MATERIALS:  
HOUSING AND COVER: HIGH GRADE THERMOPLASTIC, UL94V-0 RATED, COLOR BLACK;  
CENTER PIN: BRASS, NICKEL PLATED PER QQ-N-290, CLASS 1;  
PIN AND SHUNT TERMINALS: BRASS, SILVER PLATED PER QQ-S-365,  
SLEEVE SPRING: SPRING COPPER ALLOY, SILVER PLATED PER QQ-S-365,
3. SPECIFICATIONS:  
LIFE: 5000 CYCLES;  
INSERTION FORCE: 5 LB [2.3 KG] MAX;  
WITHDRAWAL FORCE: 0.5 LB [0.2 KG] MIN;  
CONTACT RESISTANCE: 30 MILLIOHM MAX, 60 MILLIOHM MAX. AFTER TEST;  
INSULATION RESISTANCE: 30 MEGAOHM MIN. @ 100VDC;  
DIELECTRIC WITHSTANDING VOLTAGE: 250VAC FOR 1 MINUTE;  
CURRENT (CARRYING): 5A

ALTERNATE PC BOARD LAYOUT  
(COMPONENT SIDE)

RECOMMENDED PC BOARD LAYOUT  
(COMPONENT SIDE)

CUSTOMER DRAWING

REV	ECO NUMBER	DATE	BY	APVD
A	25129	8-29-05	JL	MW
REVISIONS				

★ STAR SYMBOL DENOTES CRITICAL DIMENSION

UNLESS OTHERWISE SPECIFIED

1. ALL DIMENSIONS IN INCHES  
- TWO PLACE DECIMALS ±0.01  
- THREE PLACE DECIMALS ±0.005  
- ANGLES ±1°  
- ALL DIA. CONCENTRIC WITHIN 0.005 T.I.R.
2. FEATURES ON THE SAME CENTERLINE MUST BE ALIGNED WITHIN ±0.002
3. REMOVE ALL BURRS

DO NOT SCALE DRAWING

THIS DRAWING DESCRIBES A DESIGN CONSIDERED PROPRIETARY IN NATURE, DEVELOPED AND MANUFACTURED BY SWITCHCRAFT INC. AND IS RELEASED ON A CONFIDENTIAL BASIS FOR IDENTIFICATION PURPOSES ONLY.										
SIZE	WIDTH	MULT	LBS/M	TEMPER						
FINISH					MATERIAL					
SPEC No.					SPEC No.					
FIRST USED ON					SCALE					
					4:1					
DATE DRAWN	BY	CHKD	APVD							
29-Aug-05	JL	MW	MW							
			8-29-05	8-29-05						
NAME								PART No.		REV
RA POWER JACK, PC								RAPC712X		A
Ø0.100 PIN, RoHS										

# Mouser Electronics

Authorized Distributor

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