



**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)

CUSTOMER DRAWING

					★ STAR SYMBOL DENOTES CRITICAL DIMENSION		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.					
					UNLESS OTHERWISE SPECIFIED		SIZE	WIDTH	MULT	LBS/M	TEMPER	
					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.		FINISH		MATERIAL			
					2. FEATURES ON THE SAME CENTERLINE MUST BE ALIGNED WITHIN ±0.002		SPEC No.		SPEC No.			
					3. REMOVE ALL BURRS		FIRST USED ON		SCALE		<b>Switchcraft</b> <sup>®</sup>	
					DO NOT SCALE DRAWING		4:1		SHEET   OF			
REV	ECO NUMBER	DATE	BY	APVD			DATE DRAWN	BY	CHKD	APVD	PART No.	REV
A	25129	8-29-05	JL	MW			29-Aug-05	JL	MW	MW	RAPC722X	A
REVISIONS							NAME		RA POWER JACK, PC			
							Ø0.080 PIN, RoHS					