



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

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		Switchcraft®						
				4:1								
DATE DRAWN	BY	CHKD	APVD									
29-Aug-05	JL	MW	MW									
				8-29-05		8-29-05						
						SHEET		OF		REV		
NAME						PART No.						
RA POWER JACK, PC						RAPC712X				A		
Ø0.100 PIN, RoHS												

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