



**NOTES:**

- THIS PRODUCT IS RoHS COMPLIANT.
- MATERIALS:**  
 CENTER PIN: COPPER ALLOY, NICKEL PLATED  
 SLEEVE CONTACT: SPRING COPPER ALLOY, SILVER PLATED  
 PIN TERMINAL AND SHUNT: COPPER ALLOY, SILVER PLATED  
 HOUSING AND COVER: HIGH TEMPERATURE THERMOPLASTIC, BLACK
- SPECIFICATIONS:**  
 LIFE: 5000 CYCLES;  
 INSERTION FORCE: 5LB [2.3 KG] MAX;  
 WITHDRAWL 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  
 OPERATING TEMPERATURE: -30°C TO +65°C

REV	ECO NUMBER	DATE	BY	APVD
A	28064	08-30-18	PC	TJK

STAR SYMBOL DENOTES CRITICAL DIMENSION

**UNLESS OTHERWISE SPECIFIED**

1. ALL DIMENSIONS IN INCHES [mm]

- TWO PLACE DECIMALS ±0.02 [0.5]

- THREE PLACE DECIMALS ±0.005 [0.13]

**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						
10-12-17	SRC	TJK	TJK						
			8/17/18						
			8/17/18						
NAME								PART No.	
LOCKING POWER JACK, PC TERMINALS, Ø0.10 [2.5 mm], RoHS								RAPC712BKZ	
								REV	
								A	

**CUSTOMER DRAWING**