



**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,

**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

**CUSTOMER DRAWING**

REV	ECO NUMBER	DATE	BY	APVD
G	22891	6-15-99	TJK	TJK
F	21359	9-18-96	SG	MA
E	21077	8-28-96	DA	MA
D	20441	11-8-95	MA	MA

★ STAR SYMBOL DENOTES CRITICAL DIMENSION

UNLESS OTHERWISE SPECIFIED

1. ALL DIMENSIONS IN INCHES  
 - TWO PLACE DECIMALS ±0.01  
 - THREE PLACE DECIMALS ±0.005  
 - FRACTIONAL DIMENSIONS ±1/64  
 - 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	Switchcraft®					
4-27-95	MA	SG	MA	SHEET 1 OF 1					
			1-8-96	1-8-96			PART No.		
NAME							REV		
POWER JACK, PC MOUNT							RAPC712		
0.10 [2,5mm] PIN							G		