



**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
REVISIONS				

★ 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

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	FIRST USED ON		SCALE		MATERIAL SPEC No.				
SPEC No.			4:1						
DATE DRAWN	BY	CHKD	APVD						
4-27-95	MA	SG	MA						
NAME		POWER JACK,	PC MOUNT	PART No.		REV			
		0.10	PIN	RAPC712		G			

DO NOT SCALE DRAWING

