



CUSTOMER DRAWING

**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, SOLDER PLATED.  
 SLEEVE SPRING: SPRING COPPER ALLOY, SOLDER PLATED.

**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
C	24089	12-12-02	JL	MW
B	22891	6-15-99	TJK	TJK
A	20611	7-22-97	DA	MA

★ STAR SYMBOL DENOTES CRITICAL DIMENSION

UNLESS OTHERWISE SPECIFIED

- 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.
- FEATURES ON THE SAME CENTERLINE MUST BE ALIGNED WITHIN ±0.002
- 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 SPEC No.						MATERIAL SPEC No.					
FIRST USED ON				SCALE 4:1				<b>Switchcraft</b> <sup>®</sup>			
DATE DRAWN	BY	CHKD	APVD	DATE DRAWN	BY	CHKD	APVD				
7-26-95	MA	MA	MA	8-28-96	MA	MA	MA	SHEET 1 OF 1		REV C	
NAME POWER JACK, SURFACE MOUNT 0.10 [2,5mm] PIN								PART No. RASM712P			

