



JACK MATING FACE
(EDGE OF PC BOARD)

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)

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					MATERIAL					
SPEC No.					SPEC No.					
FIRST USED ON					SCALE					
					4:1					
DATE DRAWN	BY	CHKD	APVD							
4-28-95	MA	MA	MA							
			12-28-95	12-28-95						
NAME POWER JACK, SURFACE MOUNT 0.10 [2,5mm] PIN								PART No.		REV
								RASM712		C