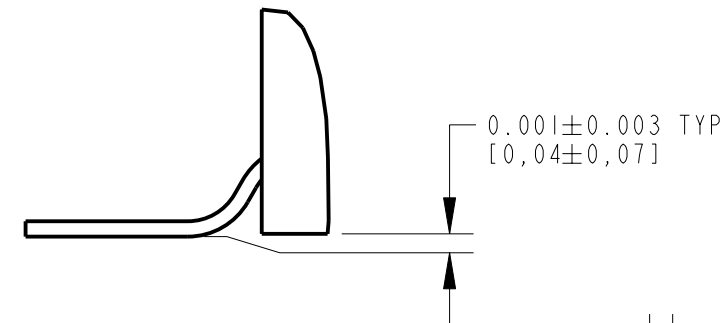
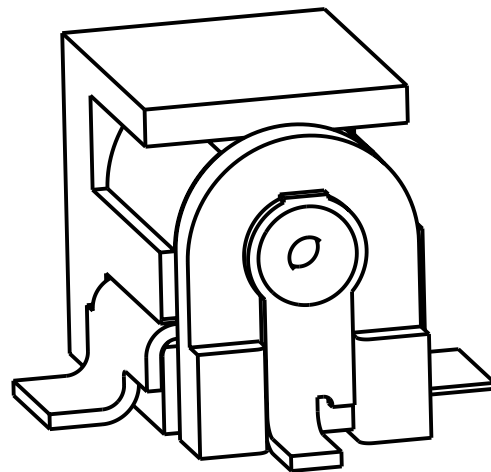
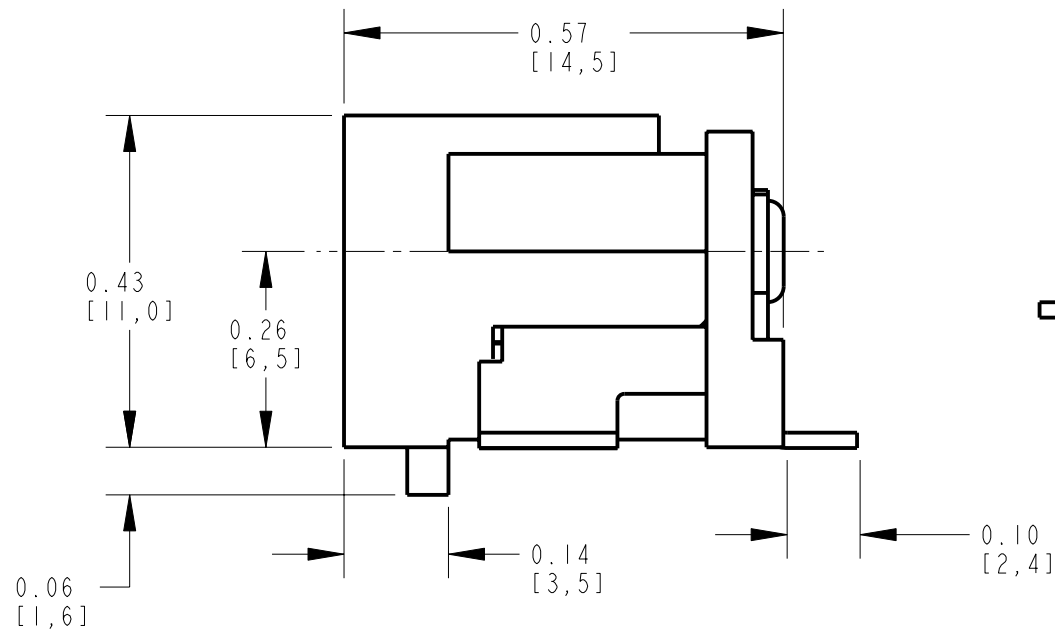
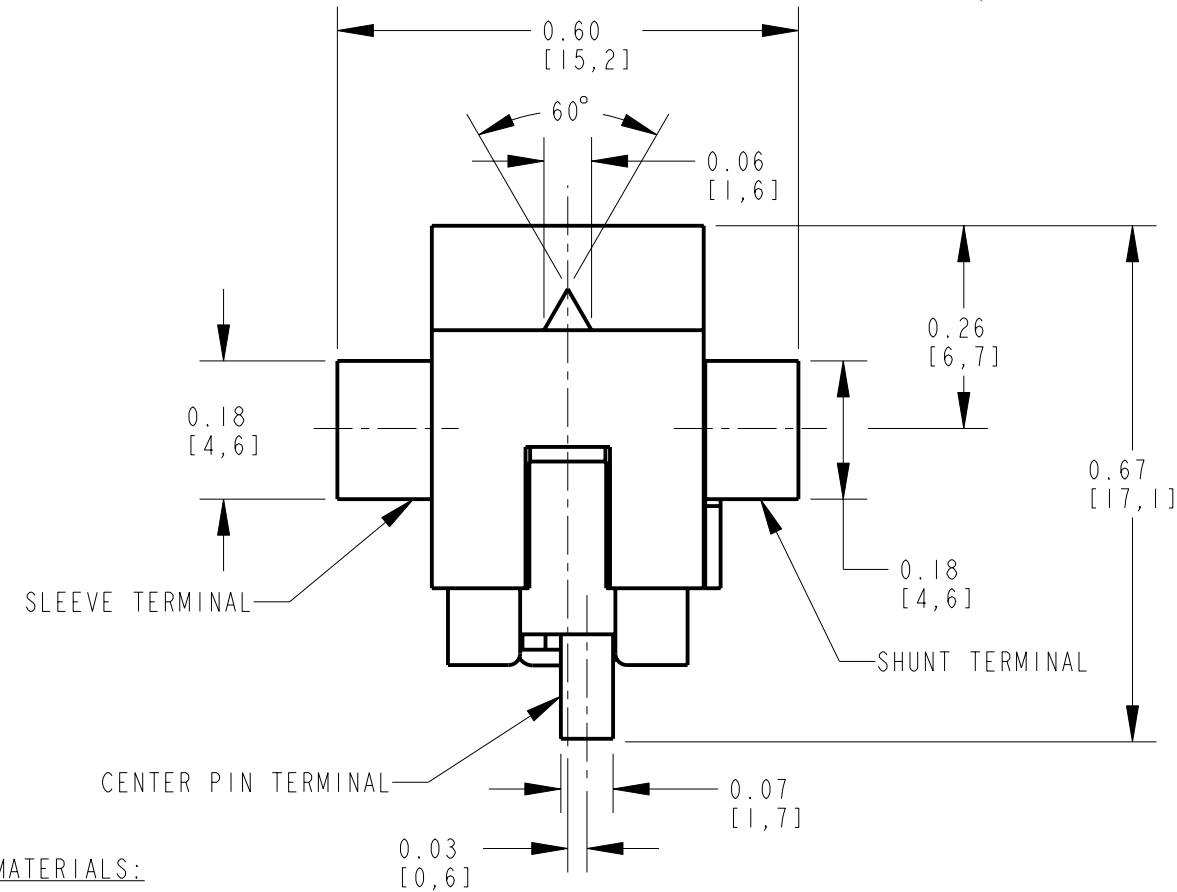
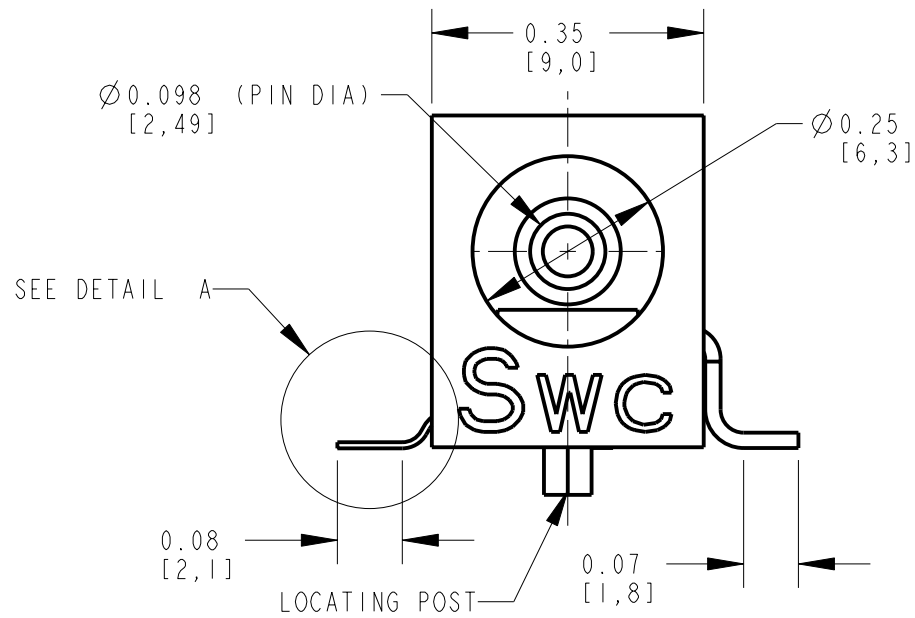
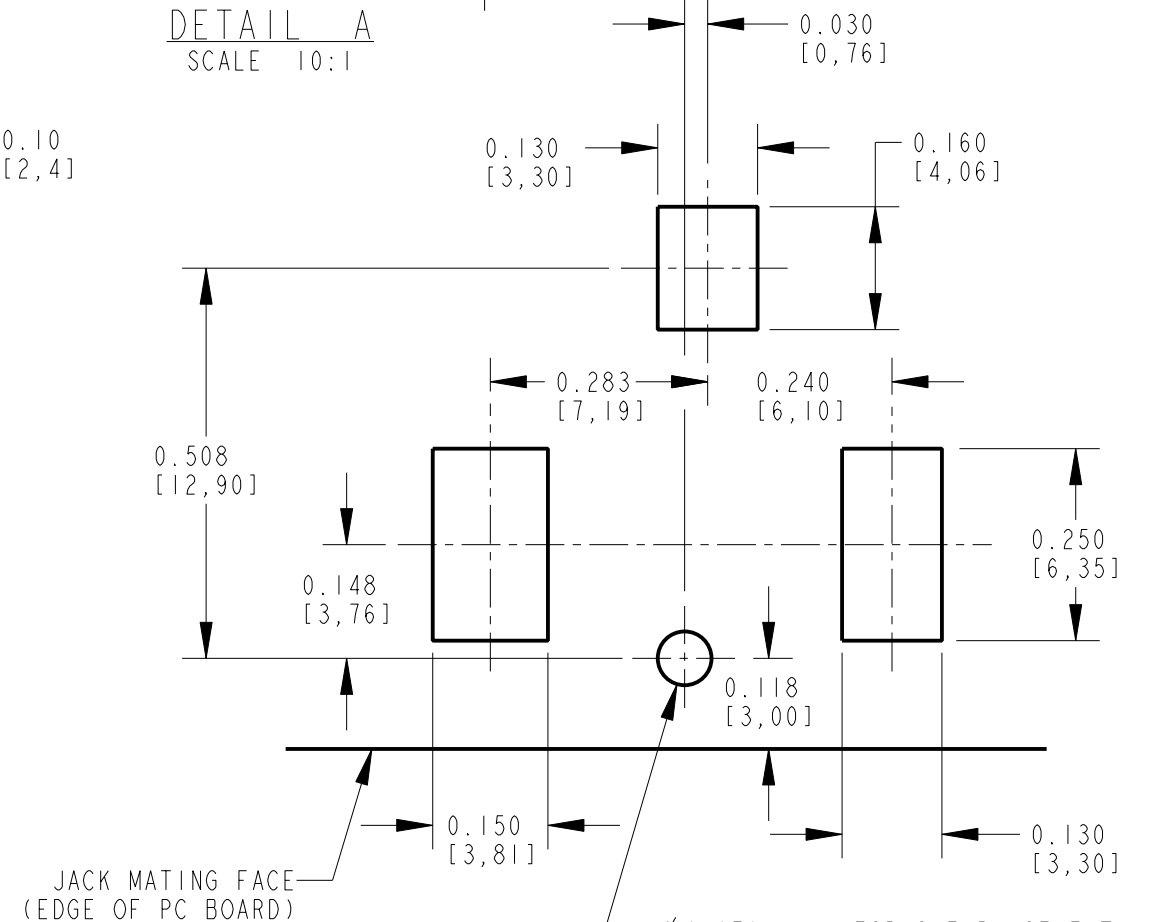




DETAIL A
SCALE 10:1



RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)

$\varnothing 0.070$ MIN FOR CLEARANCE FIT [1,78]
 $\varnothing 0.067$ MAX FOR INTERFERENCE FIT

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

REVISIONS



STAR SYMBOL DENOTES CRITICAL DIMENSION

UNLESS OTHERWISE SPECIFIED

- ALL DIMENSIONS IN INCHES
- TWO PLACE DECIMALS ± 0.01
- THREE PLACE DECIMALS ± 0.005
- ANGLES $\pm 1^\circ$
- 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		Switchcraft®
DATE DRAWN	BY	CHKD	APVD	
7-26-95	MA	MA 8-28-96	MA 8-28-96	
NAME POWER JACK, SURFACE MOUNT 0.10 [2,5mm] PIN				PART No. RASM712P
				REV C