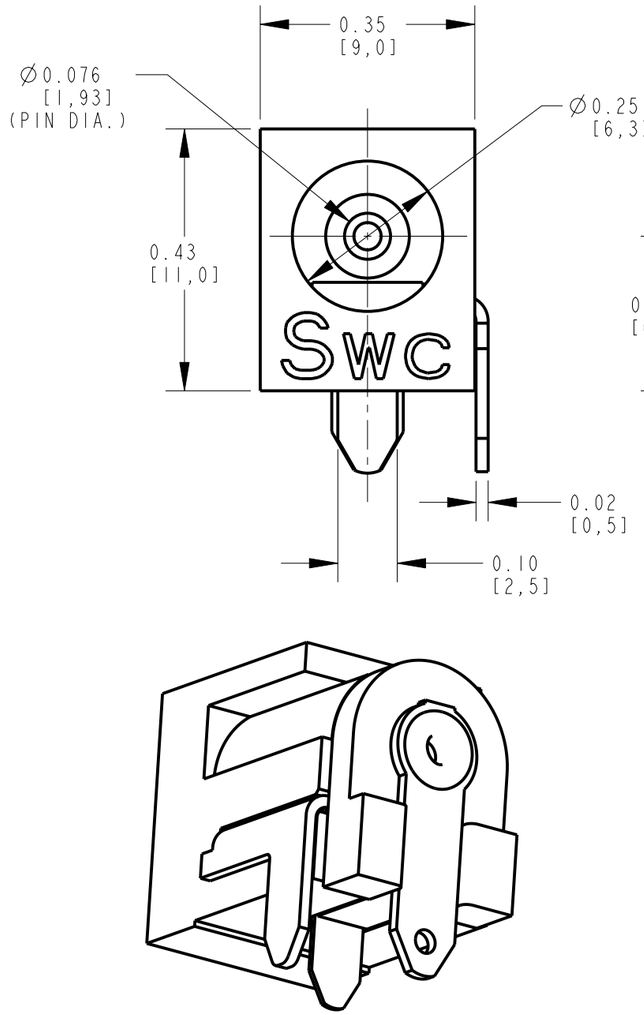
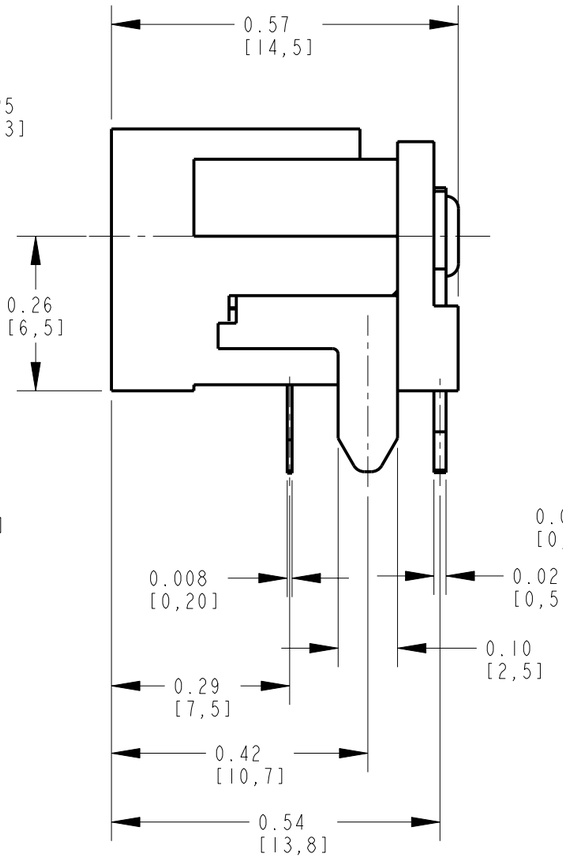
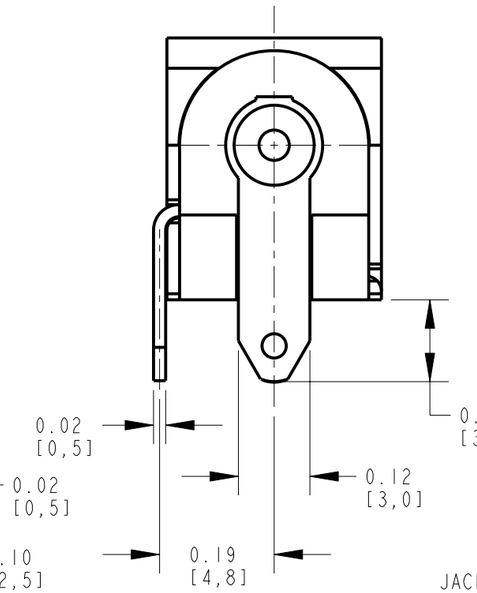
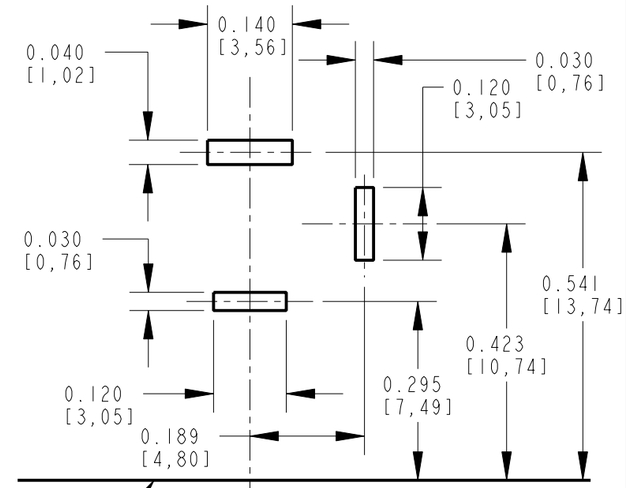








ALTERNATE PC BOARD LAYOUT
(COMPONENT SIDE)

CUSTOMER DRAWING

NOTES:

1. THIS PRODUCT IS RoHS COMPLIANT

2. 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.

3. 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
A	25129	8-29-05	JL	MW

REVISIONS

☆ STAR SYMBOL DENOTES CRITICAL DIMENSION

UNLESS OTHERWISE SPECIFIED

1. 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.
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 .
SPEC No. .

MATERIAL .
SPEC No. .

FIRST USED ON .
SCALE 4:1

DATE DRAWN	BY	CHKD	APVD
29-Aug-05	JL	MW 8-29-05	MW 8-29-05

Switchcraft®

SHEET 1 OF 1

NAME RA POWER JACK, PC Ø0.080 PIN, RoHS

PART No. RAPC722X

REV A

Pro/Engineer CAD File B