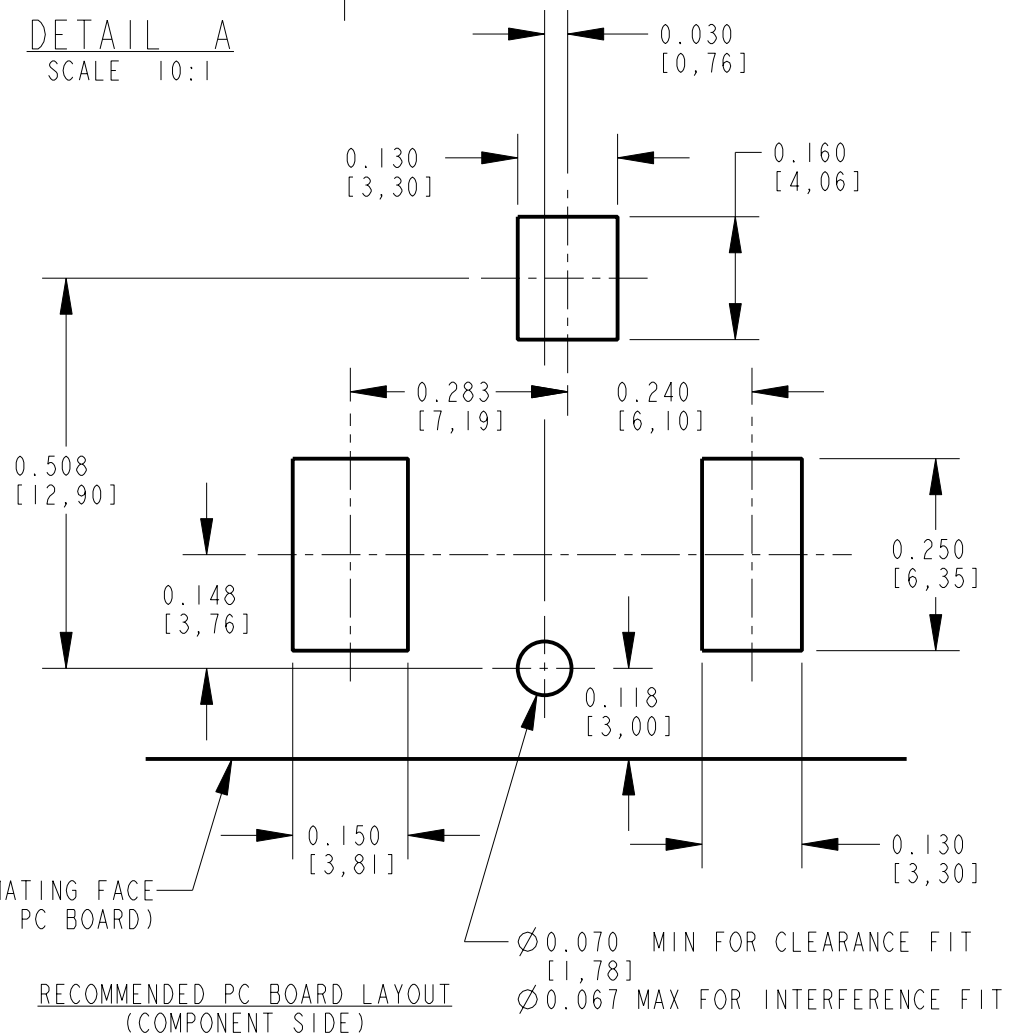


DETAIL A
SCALE 10:1



RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)

Ø0.070 MIN FOR CLEARANCE FIT [1,78]
Ø0.067 MAX FOR INTERFERENCE FIT

CUSTOMER DRAWING

NOTES:

- THIS PRODUCT IS RoHS COMPLIANT
- MATERIALS:**
HOUSING AND COVER: HIGH GRADE THERMOPLASTIC, UL94V-0 RATED, COLOR BLACK.
CENTER PIN: BRASS, NICKEL PLATED PER QQ-N-290, CLASS 1.
TIP, SLEEVE AND SHUNT TERMINALS: 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.

| REV | ECO NUMBER | DATE | BY | APVD |
|-----------|------------|---------|----|------|
| A | 25129 | 8-31-05 | JL | MW |
| REVISIONS | | | | |

★ 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 | Switchcraft [®] | | | | | |
| 31-Aug-05 | JL | MW | MW | | | | | | |
| NAME | | | | PART No. | | REV | | | |
| RA POWER JACK SURFACE MOUNT WITH POST, Ø0.100 PIN, RoHS | | | | RASM712PX | | A | | | |