



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

ALTERNATE PC BOARD LAYOUT (COMPONENT SIDE)

CUSTOMER DRAWING

| 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 | | | | | MATERIAL | | | | |
| SPEC No. | | | | | SPEC No. | | | | |
| FIRST USED ON | | | | SCALE | | | | | |
| | | | | 4:1 | | | | | |
| DATE DRAWN | BY | CHKD | APVD | | | | | | |
| 29-Aug-05 | JL | MW | MW | | | | | | |
| | | | 8-29-05 | | | | | | |
| | | | 8-29-05 | | | | | | |
| NAME | | | | | | | | PART No. | |
| RA POWER JACK, PC | | | | | | | | RAPC712X | |
| Ø0.100 PIN, RoHS | | | | | | | | REV | |
| | | | | | | | | A | |