



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.
TIP, SLEEVE AND SHUNT TERMINALS: 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.

CUSTOMER DRAWING

| | | | | | | | | | | |
|-----------|------------|--------|----|------|---|--|-------|----------------------|--------------|-------------------|
| | | | | | ★ STAR SYMBOL DENOTES CRITICAL DIMENSION | 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. | | | | |
| | | | | | UNLESS OTHERWISE SPECIFIED | SIZE | WIDTH | MULT | LBS/M | TEMPER |
| | | | | | 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. | FINISH SPEC No. | | MATERIAL SPEC No. | | |
| | | | | | 2. FEATURES ON THE SAME CENTERLINE MUST BE ALIGNED WITHIN ±0.002 | FIRST USED ON | | SCALE 4:1 | | Switchcraft® |
| | | | | | 3. REMOVE ALL BURRS | DATE DRAWN | BY | CHKD | APVD | |
| A | 25129 | 9-1-05 | JL | MW | DO NOT SCALE DRAWING | 01-Sep-05 | JL | MW 9-1-05 | MW 9-1-05 | SHEET 1 OF 1 |
| REV | ECO NUMBER | DATE | BY | APVD | | NAME RA POWER JACK SURFACE MOUNT Ø0.050 PIN, RoHS | | | | PART No. RASM732X |
| REVISIONS | | | | | | | | | | REV A |

Mouser Electronics

Authorized Distributor

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