



**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.

REV	ECO NUMBER	DATE	BY	APVD
A	25129	8-31-05	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						
31-Aug-05	JL	MW	MW						
			8-31-05						
			8-31-05						
NAME								PART No.	
RA POWER JACK SURFACE MOUNT								RASM712X	
Ø0.100 PIN, RoHS								REV	
								A	

CUSTOMER DRAWING