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- NOTES:  
 1. SWITCH TYPE: UNIDIRECTIONAL, SPST, NORMALLY CLOSED, NON-LATCHING.  
 2. PHYSICAL CHARACTERISTICS

REF.	CHARACTERISTIC	REQUIREMENTS	TEST METHOD
2.1	WEIGHT	2.0 GRAMS MAX.	SCALE
2.2	SEAL a) HERMETIC b) GROSS	$1 \times 10^{-6}$ SCCS He@1ATM MAX.	MIL-STD-883, TEST METHOD 1014.9, TEST CONDITION A1 MIL-STD-750 METHOD 1071 TEST CONDITION D
2.3	TERMINAL STRENGTH	3 LBS. MIN. AXIAL PULL	MIL-STD-202, MTD 211, TEST CONDITION A
2.4	SOLDERABILITY	OMIT AGING	MIL-STD-202, MTD 208
2.5	MARKING	RSL ELECTRONICS PART NO. & LOT NO.	VISUAL

3. OPERATING CHARACTERISTICS

REF.	CHARACTERISTIC	REQUIREMENTS
3.1	OPENING ACCELERATION THRESHOLD	CONTACTS SHALL BE CLOSED AT ANY ACCELERATION LESS THAN 13.5 G'S CONTACTS SHALL BE OPEN AT 16.5 G'S OR MORE, APPLIED IN THE Z AXIS ACCELERATION SENSITIVE DIRECTION Z
3.2	OPERATING LIFE	500,000 OPERATIONS
3.3	STORAGE LIFE	15 YEARS MIN.

4. ELECTRICAL CHARACTERISTICS

REF.	CHARACTERISTIC	REQUIREMENTS	TEST METHOD
4.1	INSULATION RESISTANCE	30 MEGOHMS MIN. @ 500 VDC	MIL-STD-202, MTD 302 TEST CONDITION B
4.2	CONTACT RESISTANCE	50 OHMS MAX. @ 1.0 MILLIAMPERES	
4.3	CURRENT	0.05 AMP CONTINUOUS	

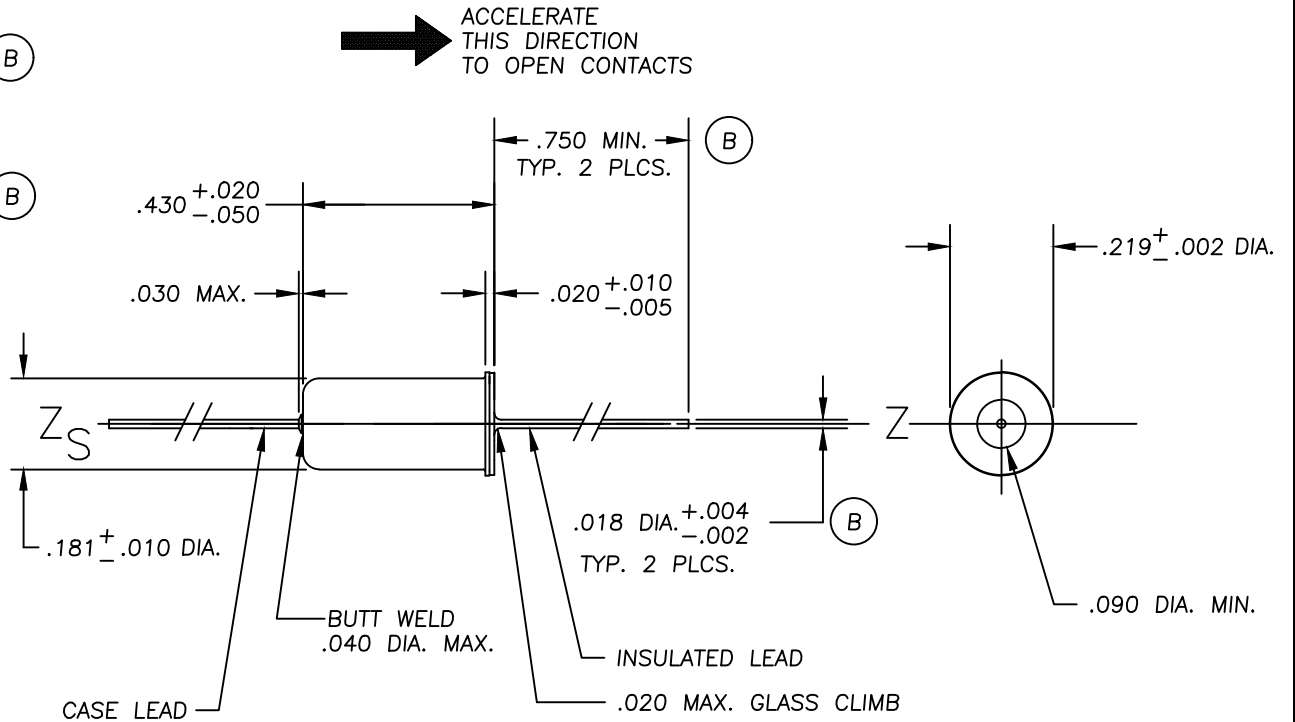
5. ENVIRONMENTAL CAPABILITY

REF.	CHARACTERISTIC	TEST METHOD
5.1	OPERATING TEMPERATURE	-54°C TO +85°C, 2 HOUR MINIMUM SOAK
5.2	TEMPERATURE HUMIDITY CYCLING	MIL-STD-331, TEST 105.1 (4 DAY TOTAL)
5.3	VIBRATION	RANDOM ON RANDOM PER MIL-STD-810E, TABLE 514.4-AX
5.4	SHOCK	HALF SINE SHOCK OF 80.0 G'S FOR 2.5 ms AND 50.0 G'S FOR 11.0 ms

3045-1-000

C

REVISIONS				
ALT	DESCRIPTION	BY	CHK	ENG
A	SEE ECN 3045-1-000A	HJ 10/94		
B	SEE ECN 3045-1-000B	HJ 12/95		
C	SEE ECN 3045-1-000C	AHN 1/12/01		



ITEM NO.	NO. REQ'D	PART NO.	DESCRIPTION	REMARKS
BILL OF MATERIAL				
MATERIAL _____			<b>ACCELERATION SWITCH</b> 15gs NORMALLY CLOSED	
FINISH _____				
DO NOT SCALE DRAWING REMOVE BURRS, BREAK SHARP EDGES. TOLERANCE UNLESS SPECIFIED: FRACT: ± FRACT ANGLE ANG/TOL MACH FINISH: RMS DEC: .00 ± 2PLC/DEC RMS DEC: .000 ± 3PLC/TOL			SCALE: 4:1 WEIGHT: NOTED	DRAWN: H.J. CHECKED: . . . . . ENGINEER: . . . . . APPROVED: . . . . . APPROVED: . . . . .
			3-94	DRAWING NO. 3045-1-000 REV C

**Select** 45-3 KNICKERBOCKER AVE.  
 controls inc. BOHEMIA, N.Y. 11716