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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	a) SEAL b) HERMETIC c) GROSS	1X10 <sup>-6</sup> SCES H <sub>2</sub> O/ATM MAX.	ML-STD-883, TEST METHOD 1014.5, TEST CONDITION A1 ML-STD-750 METHOD 1071 TEST CONDITION B
2.3	TERMINAL STRENGTH	3 LBS. MIN AXIAL PULL	ML-STD-202, MTD 271, TEST CONDITION A
2.4	SOLDERABILITY	DMT AGING	ML-STD-205, 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 73.5 G'S CONTACTS SHALL BE OPEN AT 18.5 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

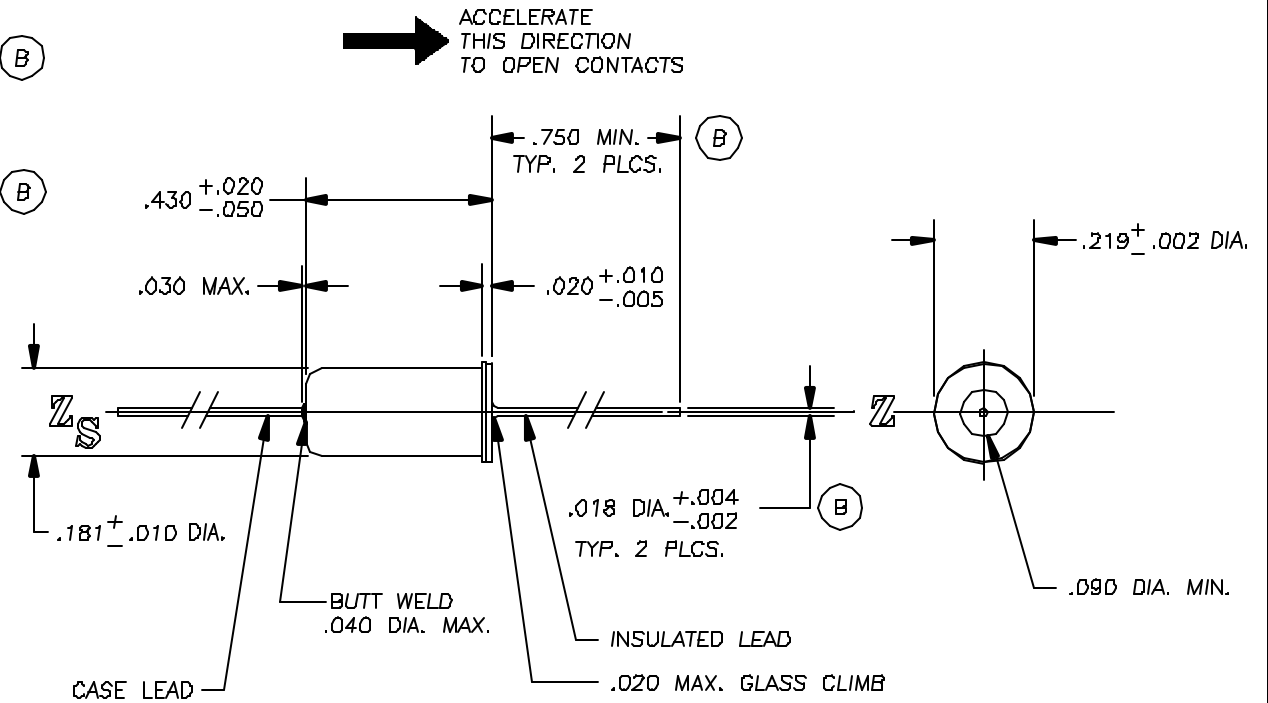
REF.	CHARACTERISTIC	REQUIREMENTS	TEST METHOD
4.1	INSULATION RESISTANCE	30 MEGOHMS MIN. @ 500 VDC	ML-STD-202, MTD 302 TEST CONDITION B
4.2	CONTACT RESISTANCE	50 OHMS MAX. @ 1.0 MILLIAMPERES	
4.3	CURRENT	0.05 AMP CONTINUOUS	

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	ML-STD-331, TEST 100.1 (4 DAY TOTAL)
5.3	VIBRATION	RANDOM ON RANDOM PER ML-STD-810C 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

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 7/12/07		



MATERIAL -----  
 FINISH -----  
 DO NOT SCALE DRAWING  
 REMOVE BURRS, BREAK SHARP EDGES  
 TOLERANCES UNLESS SPECIFIED:  
 FRACTIONS ± 1/78 ANGLE ± 2  
 MACH FINISH ± .003 DEC: .00 ± .003  
 R/S

ITEM	NO. REQ'D	PART NO.	DESCRIPTION	REMARKS
BILL OF MATERIAL				
TITLE ACCELERATION SWITCH NORMALLY CLOSED			 350 I CENTRAL AVE. BOHEMIA, N.Y. 11716	
NO. REQ'D	N/A	NO. REQ'D	N/A	SCALE: 4:1
WEIGHT: NOTED			DRAWING NO. 3045-1-000 REV C	
DATE		SHEET 1 OF 1		