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NOTES:

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

REF.	CHARACTERISTIC	REQUIREMENTS	TEST METHOD
2.1	WEIGHT	2.0 GRAMS MAX.	SCALE
2.2	SEAL	1×10^{-6} SCCS He@1ATM MAX.	MIL-STD-202 TEST METHOD 112, TEST CONDITION C, PROC.111A
	a) HERMETIC		TEST CONDITION D
	b) GROSS		MIL-STD-750 METHOD 1071
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	EPOXY INK UNIT IDENTIFICATION	VISUAL

3. OPERATING CHARACTERISTICS

REF.	CHARACTERISTIC	REQUIREMENTS
3.1	OPENING ACCELERATION THRESHOLD	CONTACTS SHALL BE CLOSED AT ANY ACCELERATION MORE THAN 2.6 G'S. CONTACTS SHALL BE OPEN AT 1.4 G'S OR LESS, 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	

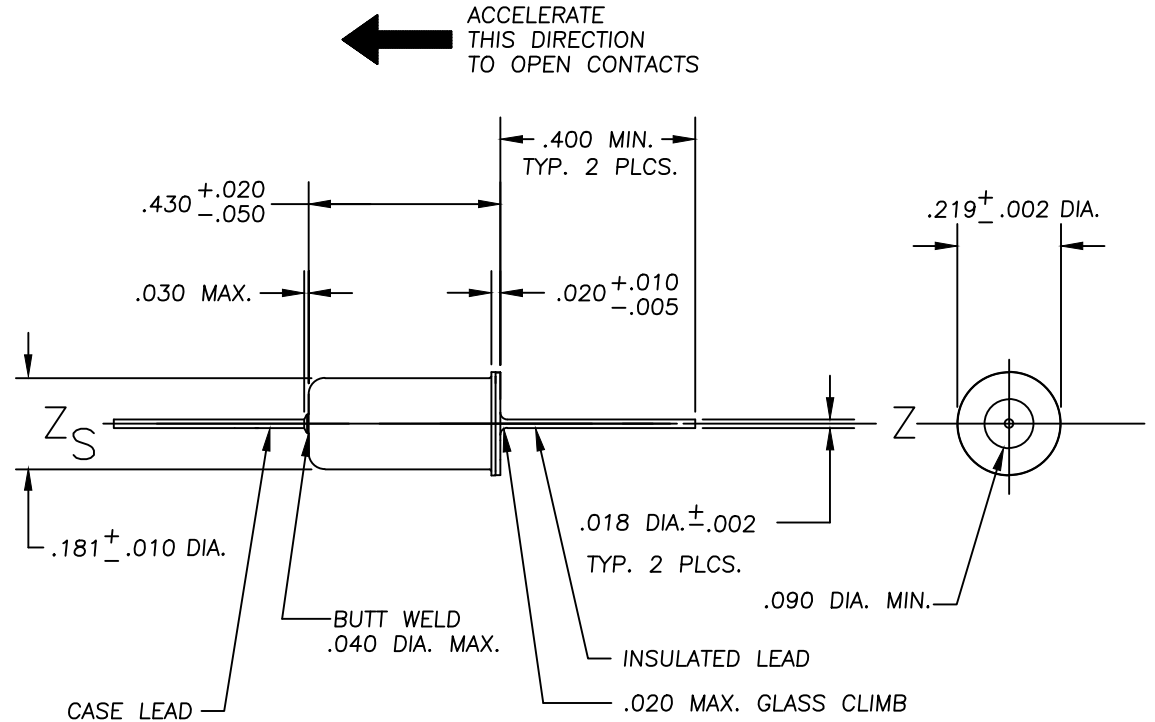
5. ENVIRONMENTAL CAPABILITY

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

REVISIONS


ALT	DESCRIPTION	BY	CHK	ENG

3036-1-000



MATERIAL -----
FINISH -----

DO NOT SCALE DRAWING
REMOVE BURRS, BREAK SHARP EDGES.
TOLERANCE UNLESS SPECIFIED:
FRACT: $\pm 1/16$ ANGLE ± 2
MACH FINISH: -- DEC: $.00 \pm .03$
RMS DEC: $.000 \pm .010$

ITEM NO.	NO. REQ'D	PART NO.	DESCRIPTION	REMARKS
BILL OF MATERIAL				
TITLE ACCELERATION SWITCH NORMALLY OPEN			 350 I CENTRAL AVE. BOHEMIA, N.Y. 11716	
NO. REQ'D	N/A	NO. REQ'D	N/A	SCALE: 4:1
WEIGHT: NOTED			DRAWN: H.J.	11-94
			ENGINEER	DRAWING NO. 3036-1-000
			APPROVED	REV
			DATE	SHEET 1 OF 1