

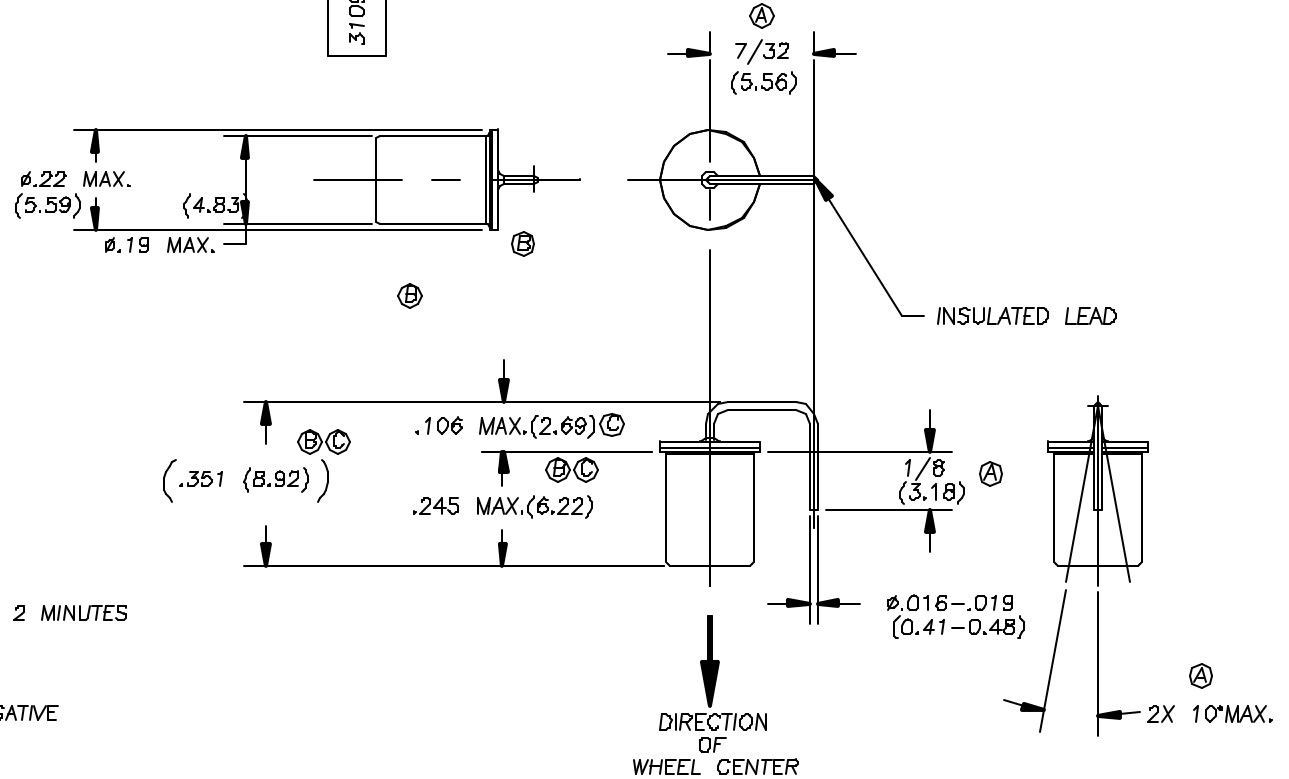
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NOTE:

1. SWITCH: UNIDIRECTIONAL, NORMALLY OPEN, AUTOMATICALLY RESETTABLE
2. WEIGHT: 2 GRAMS MAXIMUM
3. CONTACTS: SPST, NORMALLY OPEN
4. CONTACT RESISTANCE: 50 OHMS MAXIMUM
5. CONTACT RATING: 50MA AT 12VDC
6. INSULATION RESISTANCE: 30 MEGOHMS MINIMUM AT 500VDC
7. OPERATING CHARACTERISTICS:
 - a) CONTACTS SHALL BE OPEN AT STEADY STATE ACCELERATIONS OF 1.5 G'S OR LESS
 - b) CONTACTS SHALL BE CLOSED AT STEADY STATE ACCELERATIONS OF 4.0 G'S OR MORE
8. TEMPERATURE RANGE:
 - a) OPERATING: -40°C TO +150°C
 - b) NON-OPERATING: -54°C TO +200°C
 - c) NON-OPERATING FLOW SOLDERING: +320°C FOR 2 MINUTES
9. SHOCK TEST: HALF SINE SHOCK EVENT, 80 G PEAK ACCELERATION FOR 11MS DURATION, 6 SHOCKS POSITIVE AND 6 SHOCKS NEGATIVE
10. DROP TEST: WITHSTAND 1 METER DROP 3 TIMES EACH AXIS
11. SWITCH SEAL: HERMETIC; PER MIL-STD-750C, TEST CONDITION D
12. LEAD STRENGTH: 3 LBS. MINIMUM AXIAL PULL
13. POST PLATING: 50 MICROINCHES MIN. OF SULFATE NICKEL PER FED.SPEC. QQ-N-290 FOLLOWED BY 300-500 MICROINCHES OF 90/10 TIN LEAD PLATING PER MIL-P-81728.

3109-1-000

REVISIONS				
ALT	DESCRIPTION	BY	CHK	ENG
A	SEE ECN 3109-1-000A	AFR 4/15/89		
B	SEE ECN 3109-1-000B	AFR 10/5/89		
C	SEE ECN 3109-1-000C	AFR 11/8/89		



(X.XX) DENOTES DIMENSIONS IN MILLIMETERS	ITEM	NO. REV'S	PART NO.	DESCRIPTION	REMARKS
	BILL OF MATERIAL				
MATERIAL	TITLE		 350 I CENTRAL AVE. BOHEMIA, N.Y. 11716		
FINISH	ACCELERATION SWITCH NORMALLY OPEN				
DO NOT SCALE DRAWING REMOVE BURRS/BREAK SHARP EDGES TOLERANCE UNLESS SPECIFIED	NO. REV'D	N/A	NO. REV'D	N/A	SCALE: 4:1
FACT: ± 1/32 ANGLE ± 30°					WEIGHT: UNNOTED
MACH FINISH ✓ DEC: .00 ± .01 DEC: .000 ± .005					DATE: 12/31/89
					DRAWING NO. 3109-1-000
					REV C
					SHEET 1 OF 1