NOTES:

1. WEIGHT: 1.85 GRAMS MAXIMUM

2. CONTACTS: SPST, NORMALLY OPEN,MOMENTARY CONTACT,CASE GROUND.

3. SWITCH CLOSURE: SWITCH SHALL CLOSE CONTACTS, CONTACT RESISTANCE 2.0 OHMS MAX. AT 8.0 +/- 0.7g WHEN TESTED AT ROOM TEMPERATURE WITH SLOWLY INCREASING ACCELERATION APPLIED.(CENTRIFUGE TEST)

4. CONTACT RATING: CONTINUOUS DUTY- 200 MILLIAMPERES AT 28 VDC RESISTIVE LOAD
   INTERMITTENT DUTY- 1.0 AMPERES AT 28 VDC RESISTIVE LOAD

5. INSULATION RESISTANCE: INSULATED LEAD TO CASE, 200 MEGOHMS MIN. AT 500 VDC

6. OPERATING TEMPERATURE RANGE: -65°F TO +185°F

7. UNIT IS HERMETICALLY SEALED WITH 90% GN₂ AND 10% He FILL

8. DELAY- UPON APPLICATION OF 12.5 g'S ,HALF-SINE INPUT OF 15 MILLISECOND DURATION, SWITCH CONTACTS SHALL CLOSE WITHIN 15 MILLISECONDS OF PEAK g AMPLITUDE.

9. VIBRATION- SWITCH SHALL NEITHER BE DAMAGED NOR BE ACTIVATED WHEN EXPOSED TO VIBRATION PER MIL-STD-202F, METHOD 214A,TEST CONDITION A (5.35 G RMS)

3090-3-000

UNIT I.D. THIS SURFACE

ø.191 MAX.

.030 MAX.

.422 MAX.

2X .50 MIN.

ACCELERATE IN THIS DIRECTION TO CLOSE CONTACTS

.105
.095

ø.218 MAX.

ø.016-.019 INSULATED LEAD WITH ø.014 MAX. GLASS CLIMB

ø.016-.019 CASE GROUND LEAD WITH ø.040 MAX. BY .013 MAX. HIGH BUTT WELD

(X.XX) DENOTES DIMENSIONS IN MILLIMETERS

MATERIAL
———
FINISH
———

DO NOT SCALE DRAWING
REMOVE BURRS, BREAK SHARP EDGES
TOLERANCE UNLESS SPECIFIED:
FRACT: ±1/64
MACH FINISH: √
RMS
DEC: .00 ±.010
DEC: .000 ±.005
ANGLE ±0°30'

ITEM NO.	SYM NO. REQ'D
	NO. REQ'D	NO. REQ'D	NO. REQ'D

TITLE
ACCELERATION SWITCH
NORMALLY OPEN, 8.0g

PART NO.

SCALE: 4:1
WEIGHT: NOTED

BILL OF MATERIAL

DESCRIPTION | REMARKS

DRAWN AHN 1/19/16
CHECKED
ENGINEER
APPROVED

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

DRAWING NO. 3090-3-000
SHEET 1 OF 1

REVISIONS					
ALT	DESCRIPTION		BY	CHK	ENG

REV