

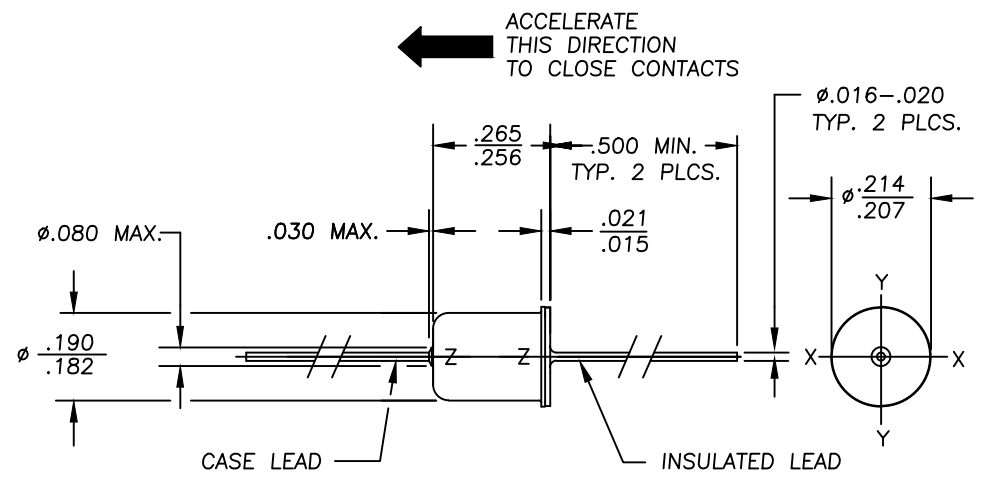
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NOTES:

1. WEIGHT: 0.7 GRAMS MAXIMUM.
2. CONTACTS: SPST, MOMENTARY, NORMALLY OPEN, CASE GROUND.
3. OPEN CIRCUIT RESISTANCE: 300 MEGOHMS MINIMUM AT 500 VDC.
4. CLOSED CIRCUIT RESISTANCE: 10 OHMS MAXIMUM AT 100 MILLIAMPERES.
5. CONTACT RATING: 2 AMPERES AT 28 VDC RESISTIVE LOAD, 5 SECOND PULSE.
6. OPERATING CHARACTERISTICS: (CENTRIFUGE STATIC ACCELERATION)
  - A.) CONTACTS SHALL NOT CLOSE AT ANY ACCELERATION LESS THAN 150 g'S APPLIED IN ANY DIRECTION.
  - B.) CONTACTS SHALL BE CLOSED AT STEADY ACCELERATIONS TO 400 g'S APPLIED IN THE Z AXIS IMPACT SENSITIVE DIRECTION.
  - C.) SETBACK IN THE FORWARD DIRECTION WILL NOT CAUSE CONTACTS TO CLOSE.
7. TEMPERATURE RANGES:
  - A.) OPERATING: -65°F TO +185°F.
  - B.) NON-OPERATING: -65°F TO +221°F.
8. SWITCH IS HERMETICALLY SEALED: HELIUM LEAK RATE SHALL NOT EXCEED  $1 \times 10^{-6}$  SCCS He AT ONE(1) ATMOSPHERE.
9. CASE LEAD AND HEADER WELD STRENGTH: 3 POUNDS MINIMUM AXIAL PULL WITHOUT DAMAGE.
10. SOLDERABILITY PER MIL-STD-202, METHOD 208 LESS AGING.
11. DESIGN STORAGE LIFE: 10 YEARS MINIMUM.
12. LEAD FINISHES:
  - INSULATED LEAD- GOLD
  - CASE LEAD- TIN/LEAD

3143-1-000

REVISIONS				
ALT	DESCRIPTION	BY	CHK	ENG



ITEM NO.	NO. REQ'D	PART NO.	DESCRIPTION	REMARKS	
BILL OF MATERIAL					
MATERIAL		TITLE			
FINISH		IMPACT SWITCH, UNI-DIRECTIONAL, 275G NORMALLY OPEN			
DO NOT SCALE DRAWING REMOVE BURRS, BREAK SHARP EDGES. TOLERANCE UNLESS SPECIFIED: FRACT: ±1/32 ANGLE ±0°30" MACH FINISH: 125/ RMS DEC: .00 ±.005		NO. REQ'D	N/A	NO. REQ'D	N/A
SCALE: 2:1		DRAWN: AHN			
WEIGHT: NOTED		9/21/04			
APPROVED		DRAWING NO. 3143-1-000			
APPROVED		DATE SHEET 1 OF 1			

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