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 PRESS WRITTEN CONSENT OF SELECT CONTROLS INCORP-
 ORATED; AND THAT NO RIGHT IS GRANTED TO DISCLOSE OR
 SID USE ANY INFORMATION CONTAINED IN SAID DOCUMENT.

NOTES:

1. SWITCH TYPE: PLANAR, SPST, MOMENTARY, NORMALLY OPEN, CASE GROUND.
2. CHARACTERISTICS:
 - a) PHYSICAL

WEIGHT: 0.6 GRAMS MAXIMUM.
 SWITCH IS HERMETICALLY SEALED. HELIUM LEAK RATE SHALL NOT
 EXCEED 1X 10⁻⁶ SCCS He AT ONE(1) ATMOSPHERE.
 (GROSS LEAK SHALL BE PERFORMED)
 CASE LEAD AND HEADER WELD STRENGTH: 5 POUNDS MINIMUM
 AXIAL PULL WITHOUT DAMAGE.
 SOLDERABILITY PER MIL-STD-202, METHOD 208 LESS AGING.
 LEAD FINISHES:
 INSULATED LEAD- GOLD
 CASE LEAD- TIN/LEAD

b) OPERATING

- NO CLOSURE, STEADY ACCELERATION:
 CONTACTS SHALL BE OPEN AT ANY ACCELERATION LESS THAN
 50 g'S APPLIED IN ANY DIRECTION.
 CLOSURE, STEADY:
 CONTACTS SHALL BE CLOSED AT 200 g'S OR MORE APPLIED
 IN THE Z AXIS ACCELERATION SENSITIVE DIRECTION Zs
 IMPACT ACTUATION (PENDULUM SHOCK TEST)
 1.) CONTACTS SHALL NOT CLOSE WHEN SUBJECTED TO A
 HALF SINE, 7.0 MSEC DURATION INPUT PULSE WITH
 MAXIMUM PEAK OF 50 g'S APPLIED IN ANY DIRECTION.
 2.) CONTACTS SHALL CLOSE WHEN SUBJECTED TO A
 HALF SINE, 7.0 MSEC DURATION INPUT PULSE WITH
 MINIMUM PEAK OF 200 g'S APPLIED IN THE Y AXIS
 ACCELERATION SENSITIVE DIRECTION Ys

OPERATING LIFE: 19 TEST OPERATIONS, 1 SERVICE OPERATION
 STORAGE LIFE: 15 YEARS MINIMUM

3123-2-000

SHT. 2 OF 2

REVISIONS			
ALT	DESCRIPTION	BY	CHK
A	SEE ECN 3123-2-000A	AHN 1/22/78	

c) ELECTRICAL

INSULATION RESISTANCE: 40 MEGOHMS MIN. @ 500 VDC
 CONTACT RESISTANCE: 10.0 OHMS MAX. @ 200 g'S STEADY STATE
 CURRENT CAPACITY: 1.0 AMP MAX. FOR 5 SEC. MAX.

d) ENVIRONMENTAL

TEMPERATURE RANGES:
 OPERATING: -65°F TO +185°F.
 NON-OPERATING: -65°F TO +221°F.
 THERMAL SHOCK: MIL-STD 331, TEST 113
 VIBRATION: LOWER OF,
 5.0 +/- 0.5 (PEAK) OR 0.15 +/- 0.02 INCH DA,
 10- 2000HZ, S AXES, 30 MIN, EACH AXIS
 SHOCK: 5500 +/- 500 g's, 0.35 +/- 0.05 MSEC DURATION

REV	DATE	PART NO.	DESCRIPTION	REMARKS
(A)			IMPACT SWITCH PLANAR N.O., 50g-200g	

BILL OF MATERIAL		DRAWING NO.	
MATERIAL	TITLE	REV	DATE
FINISH	IMPACT SWITCH PLANAR N.O., 50g-200g	3123-2-000	2 OF 2

REV	DATE	DESCRIPTION	REMARKS
		45-3 KNICKERBOCKER AVE. BOHEMIA, N.Y. 11716	

REV	DATE	DESCRIPTION	REMARKS
A		45-3 KNICKERBOCKER AVE. BOHEMIA, N.Y. 11716	

DO NOT SHAKE, BEND, BREAK, SWAMP, OR OVER-
 REMOVE BURNS, BREAK SWAMP, OVER-
 TENSILE STRESS, AND ± 10%
 TOLERANCE 1/2%
 125/



45-3 KNICKERBOCKER AVE.
BOHEMIA, N.Y. 11716