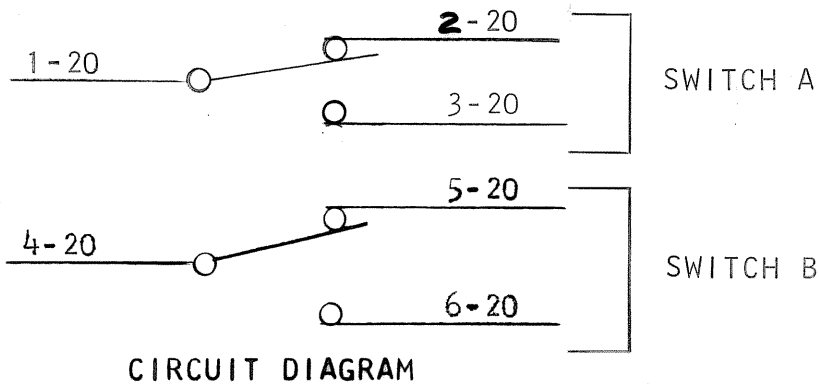


CHARACTERISTICS	
CONTACT ARRANGEMENT -----	D.P.D.T.
ACTUATION FORCE -----	48 OZ. MAX.
RELEASE FORCE -----	4 OZ. MIN.
PRETRAVEL -----	.040 MAX.
MOVEMENT DIFFERENTIAL -----	.040 MAX.
OVERTRAVEL -----	.125 MIN.
LIFE AT RATED LOAD -----	25,000 CYCLES
AMBIENT TEMPERATURE RANGE -----	-85°F TO ±275°F
DIELECTRIC STRENGTH ACROSS OPEN TERMINALS -----	800 VRMS
TERMINALS TO CASE -----	1000 VRMS
VOLTAGE DROP AT 1 AMP -----	.040 PLUS .021 PER FOOT OF LEAD
SEAL -----	CLASS 5 (HERMETIC) PER MIL-S-8805
MAX. ALLOWED LEAKAGE -----	1X10 ⁻⁸ STD. CC HE/SEC.
BACKFILL -----	DRY NITROGEN
MAX. FORCE ALLOWED ON ACTUATOR ---	10 LBS.

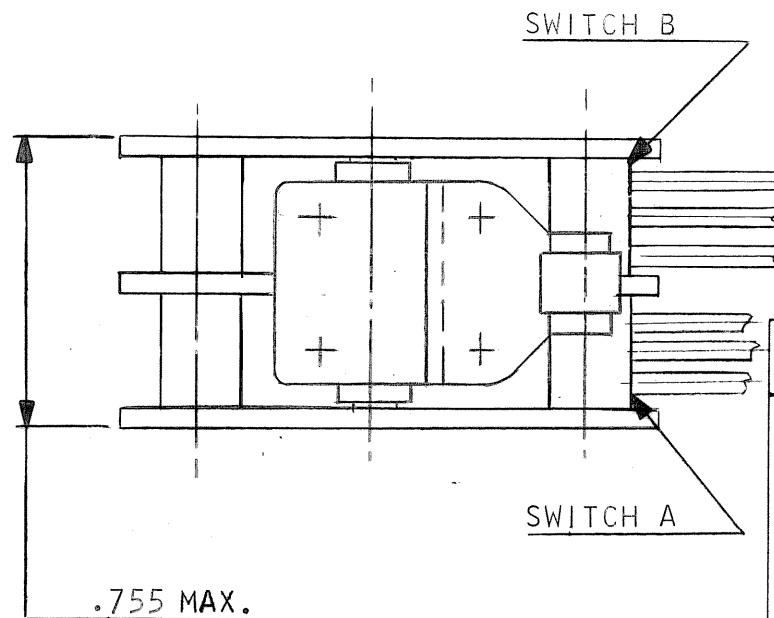
CURRENT CAPACITY

SEA LEVEL & 70,000 FT. ALTITUDE		
LOAD	28 VOLTS D.C.	
RESISTIVE	7 AMPS	
INDUCTIVE	1 AMP	
LAMP	2 AMPS	

SHOCK RESISTANCE WITHOUT CONTACT CHATTER -----	200 G'S
VIBRATION RESISTANCE (10-3000 HZ.) WITHOUT CONTACT CHATTER -----	65 G'S
WEIGHT -----	.7 OZ. PLUS .1 OZ. PER LEAD PER FOOT OF WIRE

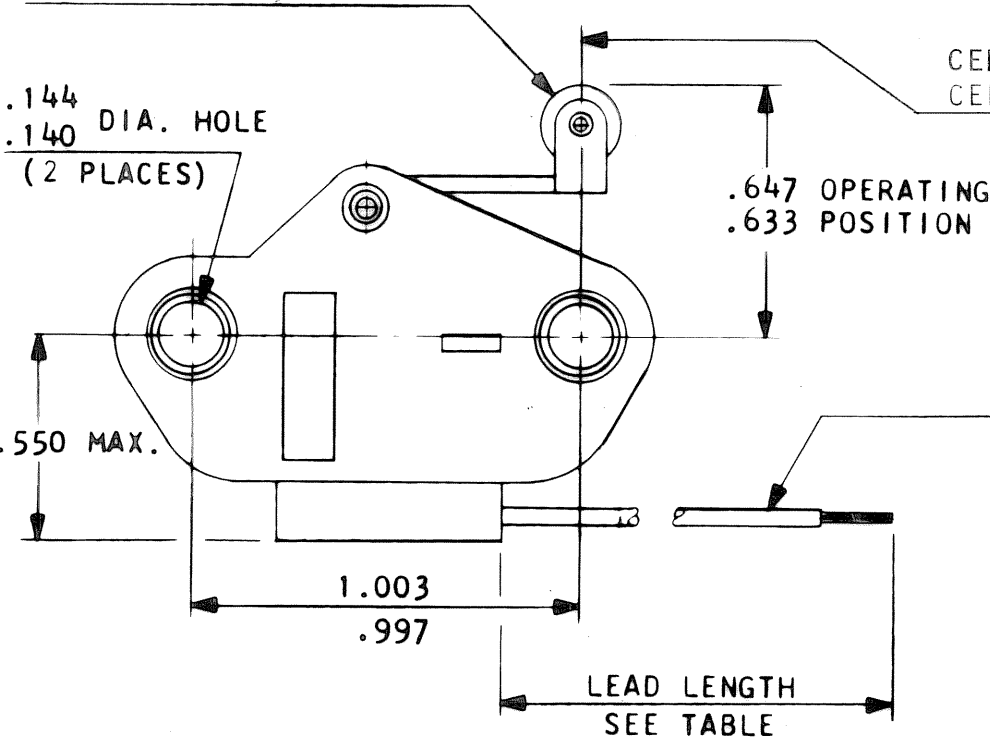


CIRCUIT DIAGRAM



.216 DIA. X .161 WIDE ROLLER
.206

.144 DIA. HOLE
(2 PLACES)



CENTER LINE OF ROLLER TO BE IN LINE WITH
CENTER LINE OF MOUNTING HOLE WITHIN ±.030

AWG #20 WIRE LEADS
PER MIL-W-22759/9
COLOR CODED
GREEN - COM.
RED - N.O.
BLACK - N.C.

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	B	REVISED & REDRAWN CR4819 JPP	4-11-73	E.W.
	C	DIM. ".755 MAX" WAS ".740 MAX" CR51812 BC	8-7-73	D.J.
	D	ON SWITCH 'A' 2-20 WAS 4-20 CR58341 R6M	9-19-75	CP
	E	ADDED * TO C ON '3' EXAMPLE CR19217 JP	10-3-80	X X
	F	SEE CH. CR 94797 N.A.	3-5-85	PDS
	G	ROLLER DIM. WAS .213-.209 D. X .158-.154 WIDE CR150600 R.P.	2-5-88	PM

PART NO. EXAMPLE				
10AT	314	-3	3	-10
BASIC SWITCH	ENVELOPE CONFIGURATION	3=DPDT 4=DPST-N.C. 5=DPST-N.O. *6=DPST-N.C./N.O.	3=LEADS AT RIGHT ANGLE TO AXIS OF SWITCH	LEAD LENGTH 1 = 6" 2 = 12" 3 = 18" 4 = 24" 5 = 30" 6 = 36" 7 = 42" 8 = 48" 9 = 60" 10 = 72"
		*N.C.-SWITCH A *N.O.-SWITCH B		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		BY J.P. PACHECO	DATE 4-11-73	Q13-1 P181		14		P3-2	
TOLERANCE ON FRACTIONS DECIMALS ANGLES		CH.		TEXAS INSTRUMENTS INCORPORATED ATTLEBORO, MASSACHUSETTS, U.S.A.		KLIXON CONTROL PRODUCTS DIVISION			
MATERIAL		ENG. E. Whipple	4-13-73	TITLE ROLLER LEVER SWITCH ENVELOPE DRAWING					
APPROVED E. Whipple		4-13-73	SIZE B	CODE IDENT NO. 82647		10AT314			
			SCALE 2/1			SHEET 1 OF 1			