

CHARACTERISTICS

CONTACT ARRANGEMENT	S.P.S.T. OR S.P.D.T.
ACTUATION FORCE	7.0 LBS. MAX.
RELEASE FORCE	1.5 LBS. MIN.
PRETRAVEL	.020 MAX.
MOVEMENT DIFFERENTIAL	.005 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 (5 SEC.)
TERMINALS TO CASE	1000 VRMS (5 SEC.)
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 TOP OF ACTUATOR	30 LBS.

CURRENT CAPACITY

SEA LEVEL AND 70,000 FT. ALTITUDE		
LOAD	28 VOLTS D.C.	
RESISTIVE	4 AMPS	
INDUCTIVE	1 AMP	
LAMP	2 AMPS	

SHOCK RESISTANCE

WITHOUT CONTACT CHATTER	200 G'S
VIBRATION RESISTANCE (55-2000 HZ)	
WITHOUT CONTACT CHATTER	65 G'S
WEIGHT (INCLUDING HARDWARE)	1.0 OZ. PLUS .10 OZ. PER LEAD PER FOOT OF WIRE

SR 216 PART NUMBERS UNDER MIL-S-8805

T.I. PART NO.	MILITARY PART NO.
10AT369-02-10	M8805/74-039
10AT369-03-10	M8805/74-041

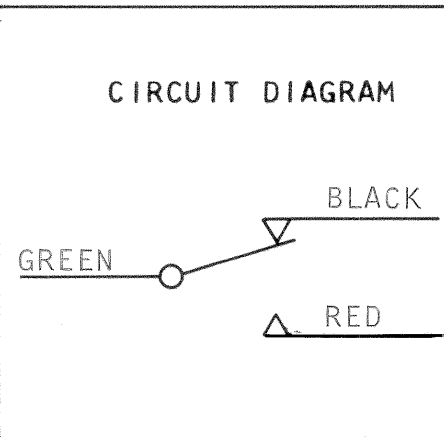
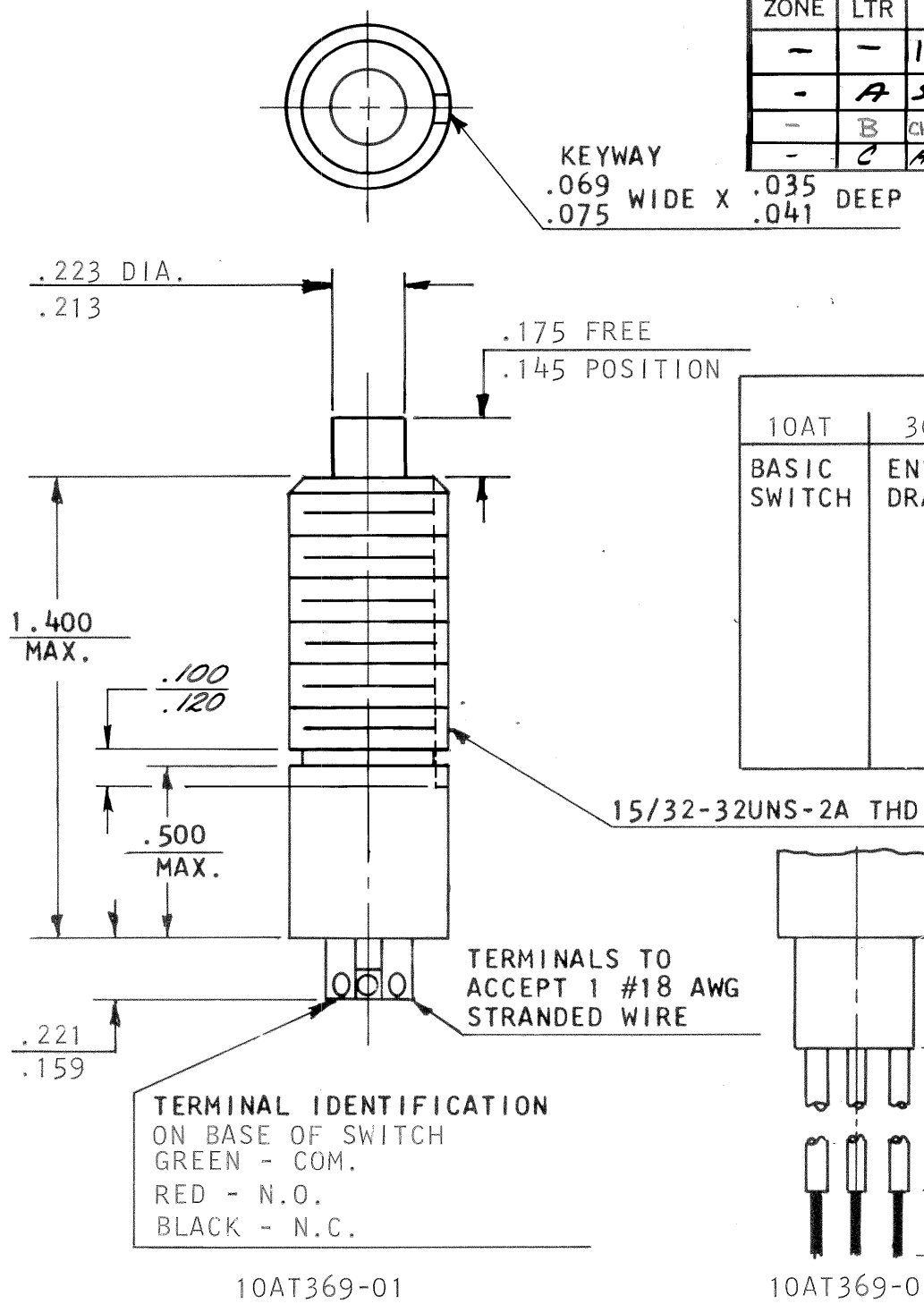
MOUNTING HARDWARE STANDARD ON ALL SWITCHES

ITEM	REQ'D	DESCRIPTION
HEX NUT	2	MS21340-04
INTERNAL LOCKWASHER	1	MS35333-121
KEYWASHER	1	MS25081-C4

N	SR 216 WAS MILITARY EQUIVALENT CRM48813 RJM	12-15-99	JF
M	RESISTIVE WAS 4 AMPS, MIL PIN WAS M8805/74-027,029 CRM25154 RJM	1-17-96	JF
L	MIL-W-22759/9 WAS MIL-W-16878/5 (TYPE EE) CR MO 5844	7-15-91	CF
K	SEE DCN CR153110	1-26-89	PM

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
-	-	1ST ISSUE	4-3-72	E.W.
-	A	SEE C.N., C.R. 47960	8-16-72	E.W.
-	B	CHANGED POTTING IN VIEW OF 10AT369-03*. CR51812 BC	8-8-73	J.P.
-	C	ADDED MIL. PART NOS. CR52027	1-17-74	A.J.
D		SEE C.N. CR 48587 RN	7-10-74	D.P.
E		SEE CN CR55474 RN	7-12-74	D.P.
F		COLN #3 WAS LEADS A RIGHT ANGLE TO AXIS TO SWITCH CR59450 W.S.	2-19-76	CES
G		LENGTHENED KEYWAY CR 78453	6-22-79	J.S.
H		SEE C.N. CR. 94797 N.A.	3-5-85	M.J.F.
J		SEE C.N. CR 94816	1-15-86	P.F.M.

PART NO. EXAMPLE				
10AT	369	-1	2	-1
BASIC SWITCH	ENVELOPE DRAWING	0 = SPDT 1 = SPST-N.C. 2 = SPST-N.O.	1=NO LEADS 2=LEADS PARALLEL TO AXIS OF SWITCH 3=LEADS EXIT PERPENDICULAR TO SWITCH AXIS ON KEYWAY SIDE	1 = 6" MIN. 2 = 12" 3 = 18" 4 = 24" 5 = 30" 6 = 36" 7 = 42" 8 = 48" 9 = 60" 10 = 72"



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	BY P. BUMPUS	DATE 4-3-72	TEXAS INSTRUMENTS INCORPORATED ATTLEBORO, MASSACHUSETTS, U.S.A.	KLIXON CONTROL PRODUCTS DIVISION
TOLERANCE ON FRACTIONS DECIMALS ANGLES	CH.			
MATERIAL	ENG. E. Whipple	4-3-72	TITLE PLUNGER ACTUATED SWITCH ENVELOPE DRAWING	
	APPROVED E. Whipple		SIZE B	CODE IDENT NO. 82647
			SCALE 2:1	SHEET 10AT369