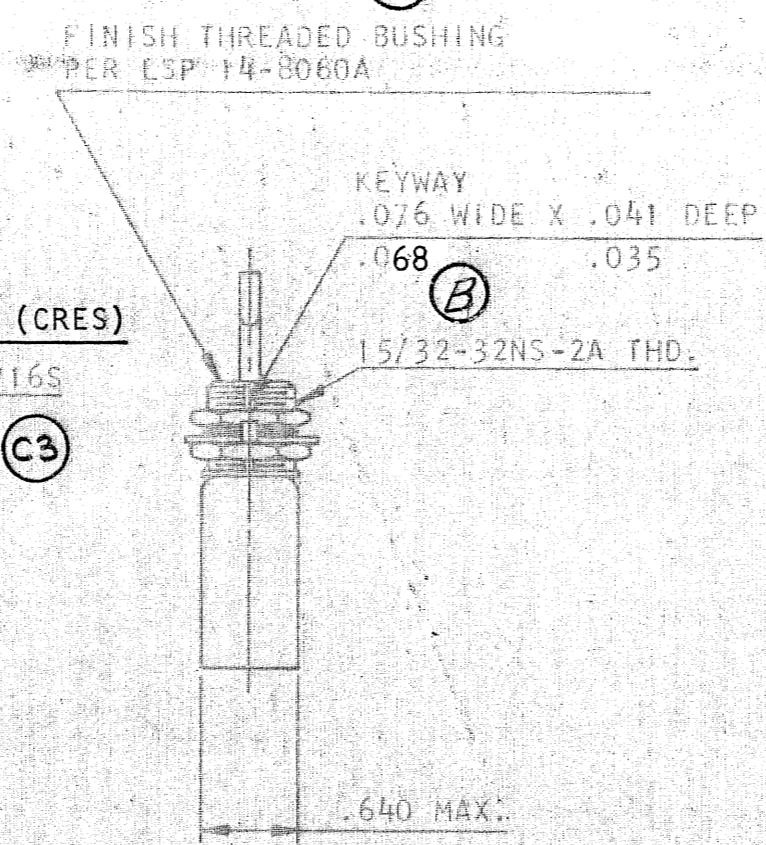
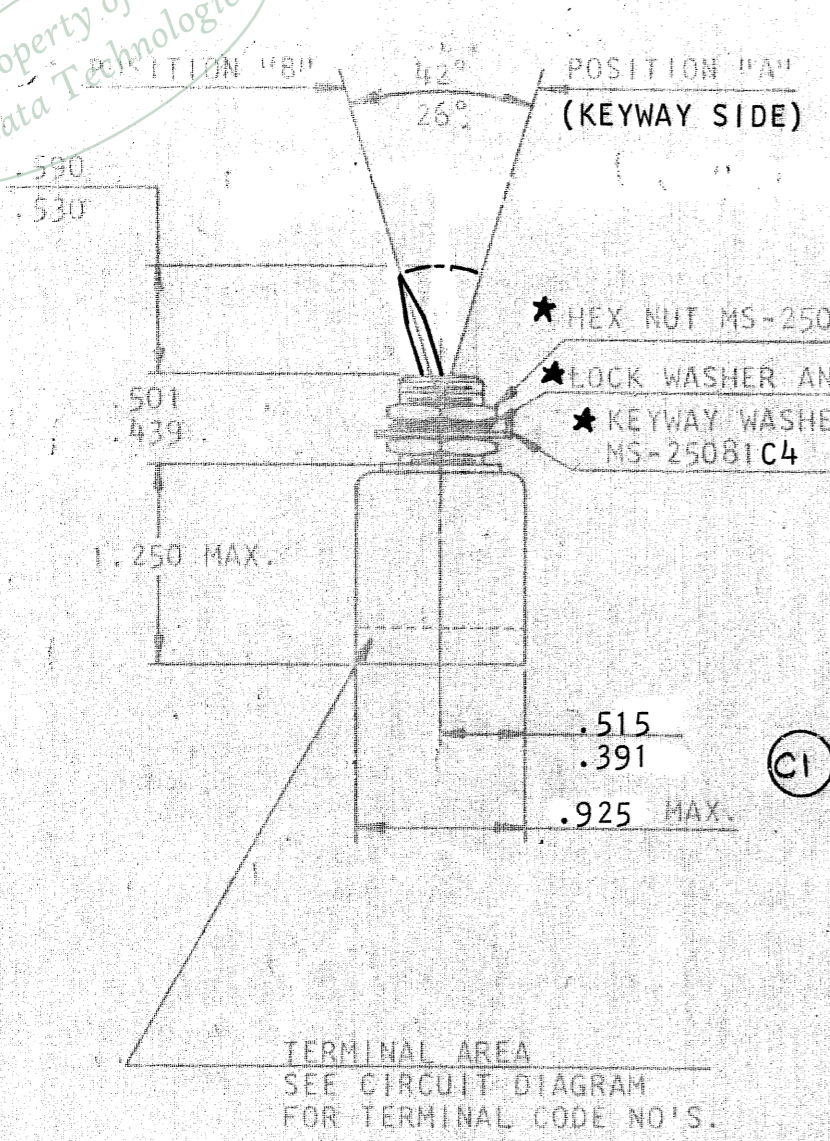


Property of
Sensata Technologies

REVISIONS

ZONE	LTR	DESCRIPTION	DATE	APPROVED
-	A	REDRAWN & REDESIGNED	PL CR17190 1-6-66	EH
-	B	Was .076/.088 CR19088	R.L. F16-66	JAB
-	C	SEE C.11.	C.R. 21470 11-10-67	RA



- (C5)
- CONTACT ARRANGEMENT----- 2PDT
 - LIFE AT RATED LOAD----- 10,000 CYCLES
 - AMBIENT TEMPERATURE RANGE---- -65°F TO 160°F
 - CURRENT CAPACITY AT 28VDC---- 3.5 AMP RESISTIVE
1.5 AMP INDUCTIVE
 - DIELECTRIC STRENGTH----- 800 VRMS 60 CPS
TERMINAL TO TERMINAL
TERMINAL TO GROUND
 - CONTACT RESISTANCE - PRIOR TO ENVIRONMENTAL CYCLING---- .200 OHMS AT .100 AMPS
2-4 VDC
AFTER ENVIRONMENTAL EXPOSURE----- .200 OHMS AT 3.5 AMPS
RESISTIVE 28 VDC
 - SHOCK RESISTANCE----- 50 G SAWTOOTH 11 MS RISE, 1 MS DECAY
 - VIBRATION RESISTANCE----- 12 DB/OCT RISE TO 0.6 G²/CPS 50-100 CPS
0.6 G²/CPS 100-1000CPS
12 DB/OCT ROLLOFF 1000-2000 CPS
 - ACCELERATION----- 12 G STEADY STATE
 - THERMAL VACUUM----- 1 X 10⁻⁷ MM HG
0°F TO 160°F
 - LEAK RATE----- 1 X 10⁻⁸ CC/SEC. HE AT 1 ATM PRESS. DIFF.
 - OPERATING FORCE----- 2-7 LBS.

TOGGLE POSITION	TOGGLE ACTION	CIRCUIT
POSITION "A"	MAINTAINED	1 ○ — ○ 2 ○ 3 4 ○ — ○ 5 ○ 6
POSITION "B"	MAINTAINED	1 ○ 2 ○ — ○ 3 4 ○ 5 ○ — ○ 6

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	BY R.Lee	DATE 1-6-66	Q16-1 Q13-1 P13-1 P9-1 P3-2
TOLERANCE ON FRACTIONS DECIMALS ANGLES	CH.		
MATERIAL	ENG. E. Loderer	1/7/66	
APPROVED			METALS & CONTROLS INC. ATTLEBOROUGH MASSACHUSETTS U.S.A. A CORPORATE DIVISION OF TEXAS INSTRUMENTS INCORPORATED KILKON CONTROL PRODUCTS GROUP TOGGLE SWITCH, HERMETICALLY SEALED 2PDT ENVELOPE DRAWING
SIZE B	CODE IDENT NO. 82647	12AT2-1	
SCALE FULL	WT..12 lb. Max.	SHEET	
SUPERSEDES 12AT2-1 1st ISSUE DATED 10-6-66			