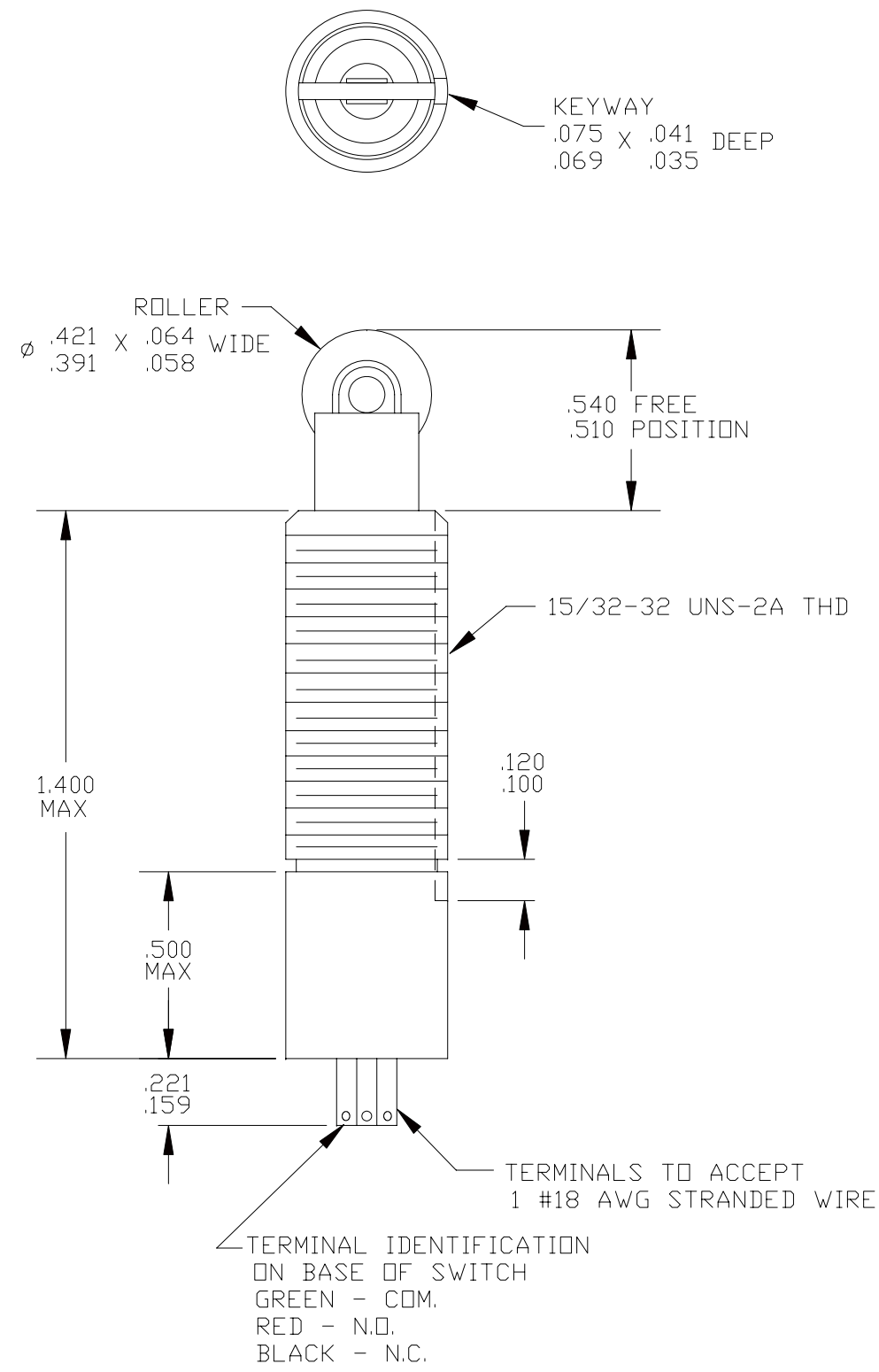


Property of  
Sensata Technologies

ZONE	REV.	REVISION DESCRIPTION	ECN NO.	DATE
C1	N	MIL-PRF-8805 WAS MIL-S-8805 (2 PLACES); MS35333-136 WAS MS35333-121; RE-DOC IN DWGEDITOR; PD	ECO-057696	12-AUG-2010



10AT371-01

CHARACTERISTICS:

CONTACT ARRANGEMENT\_\_\_\_\_S.P.S.T. OR S.P.D.T.  
 ACTUATION FORCE\_\_\_\_\_ 7.0 LBS. MAX  
 RELEASE FORCE\_\_\_\_\_ 1.5 LBS. MAX  
 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 TERMINAL\_\_\_\_\_ 800 VRMS (5 SEC.)  
 TERMINAL TO CASE\_\_\_\_\_ 1000 VRMS (5 SEC.)  
 VOLTAGE DROP AT 1 AMP\_\_\_\_\_ .040 PLUS .021 PER FOOT OF LEAD  
 SEAL\_\_\_\_\_ CLASS 5 (HERMETIC) PER MIL-PRF-8805  
 MAX ALLOWED LEAKAGE\_\_\_\_\_ 1 X 10<sup>-8</sup> 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 (55-2000HZ) WITHOUT CONTACT CHATTER\_\_\_ 65 G'S

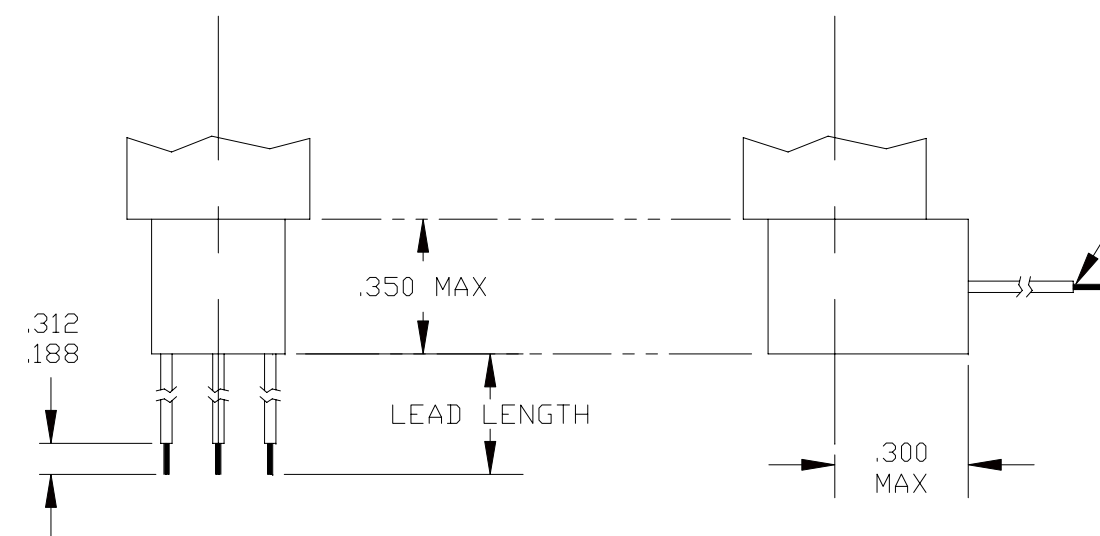
WEIGHT (INCLUDING HARDWARE)\_\_ 1.0 OZ. PLUS .10 OZ. PER LEAD PER FOOT OF WIRE

MILITARY EQUIVALENT PART NUMBERS UNDER MIL-PRF-8805

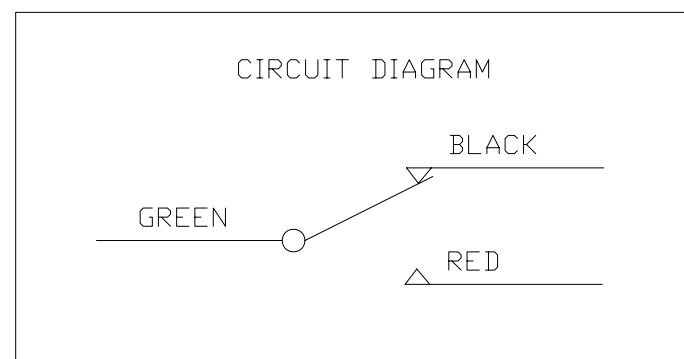
SENSATA PART NO.	MILITARY PART NO.
10AT371-02-10	M8805/74-040
10AT371-03-10	M8805/74-042

MOUNTING HARDWARE STANDARD ON ALL SWITCHES

ITEM	REQ'D	DESCRIPTION
HEX NUT	2	MS21340-04
INTERNAL LOCKWASHER	1	MS35333-136
KEYWASHER	1	MS25081-C4



\* SEE LEAD LENGTH TABLE



PART NO. EXAMPLE

10AT	371	-1	2	-1
BASIC SWITCH	ENVELOPE DRAWING	0 = S.P.D.T. 1 = S.P.S.T. - N.C. 2 = S.P.S.T. - 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"

FOR REFERENCE ONLY, CHECK LATEST REVISION BEFORE USE. PARTS MADE TO THIS PRINT MUST CONFORM TO E9898 REV. E

DRAWN B.CHASE DATE 08-AUG-1973 ENGINEER	SENSATA TECHNOLOGIES PROPRIETARY AND CONFIDENTIAL. NEITHER THIS PRINT NOR THE INFORMATION CONTAINED HEREON IS TO BE USED AGAINST THE INTERESTS OF SENSATA TECHNOLOGIES OR AGAINST THE INTERESTS OF ANY OF ITS AFFILIATED COMPANIES OR WHOLLY OWNED SUBSIDIARIES.	TITLE ROLLER PLUNGER ACTIVATED SWITCH ENVELOPE DRAWING
D.TATEM DATE 22-AUG-1973 APPROVED		
DATE APPROVED	INTERPRET DIMENSIONING AND TOLERANCING PER ASME Y14.5-2009. UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES DECIMALS ANGLES	SIZE DWG NO. C 10AT371
DATE	DO NOT SCALE DRAWING	THIRD ANGLE PROJECTION

Sensata Technologies  
529 PLEASANT STREET  
P.O. BOX 2964  
ATTLEBORO, MA 02703

SCALE NONE	AUTOCAD	SHEET 1 OF 1
DEVICE:	PROJECT: 1	