

Property of
Sensata Technologies

.394
.370

#20 AWG BMS13-31 OR BMS13-38,
TYPE 1, CLASS 1, OR BMS13-48A
TYPE 8, CLASS 1, WIRE LEADS CODED
WITH TERMINAL IDENTIFICATION
EVERY 3 INCHES

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

.216/.206 DIA. X .161/.151 WIDE
ROLLER

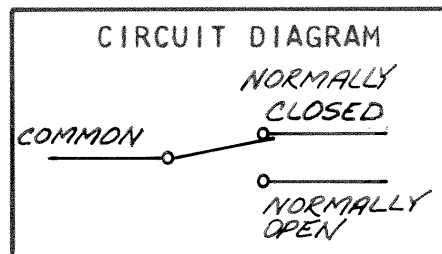
.647/.633
OPERATING POSITION

.550 MAX.

48.0 MIN.

.140 DIA. HOLE
.144 (2 PLACES)

1.003
.997



REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	R	REMOVE FAA-PMA INK CODE; PD ECO-096258 23-JAN-2014		

CHARACTERISTICS

ACTUATION FORCE	-----	24 OZ. MAX.
RELEASE FORCE	-----	4 OZ. MIN.
PRETRAVEL	-----	.040 MAX.
MOVEMENT DIFFERENTIAL	-----	.030 MAX.
OVERTRAVEL	-----	.075 MIN.
LIFE AT RATED LOAD	-----	25,000 CYCLES
AMBIENT TEMPERATURE RANGE	-----	-65°F TO +275°F
DIELECTRIC STRENGTH ACROSS:		
OPEN TERMINALS	-----	800 VRMS
TERMINALS TO CASE	-----	1000 VRMS
INSULATION RESISTANCE AT 500 VOLTS	---	1000 MEGOHMS MIN.
VOLTAGE DROP AT 1 AMP	-----	.150 V. MAX.
SEAL	-----	CLASS 5 (HERMETIC) PER MIL-S-8805
MAX. ALLOWED LEAKAGE	-----	1X10 ⁻⁸ STD CC HE/SEC.
BACKFILL	-----	DRY NITROGEN
WEIGHT	-----	1.7 OZ. MAX.

CURRENT CAPACITY

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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		BY <i>R.G. MANZI</i>	DATE 6-8-72	TEXAS INSTRUMENTS INCORPORATED ATTLEBORO, MASSACHUSETTS, U.S.A.	KLIXON CONTROL PRODUCTS DIVISION
TOLERANCE ON FRACTIONS DECIMALS ANGLES		CH.			
MATERIAL		ENG. <i>E. Whipple</i>	DATE 6-9-72	TITLE ROLLER LEVER SWITCH ENVELOPE DRAWING	
		APPROVED <i>E. Whipple</i>		SIZE B	CODE IDENT NO. 82647
				10AT96-2	
				SCALE 2:1	SHEET

~~SUPERSEDES 10AT96-2 REV. D DATED 11-6-68~~