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					E	BT	9-17-99	'B'DIM REDUCED 1"

SPECIFICATIONS

RESOLUTION _____ INFINITE
 OUTPUT SMOOTHNESS _____ LESS THAN 0.1% INPUT VOLTAGE
 CONTACT RESIS. VARIATION _____ LESS THAN 2%
 DIELECTRIC STRENGTH _____ 1000 MEGOHMS AT 500VDC MIN.
 INSULATION RESISTANCE _____ 500 VAC MIN.
 FRICTION _____ 1.8 oz. (3.6 oz. FOR LCP12Y)
 STOP STRENGTH _____ 20 OZ. MIN.
 RESISTANCE TEMPCO _____ ±400 PPM/°C
 WEIGHT _____ 10 TO 35 GRAMS
 LIFE EXPECTANCY _____ 20 MILLION
 BEARINGS _____ NYLON
 TEMPERATURE RANGE _____ -30° TO 105° C.

MATERIALS

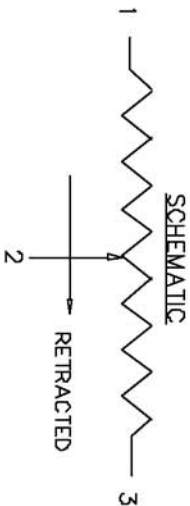
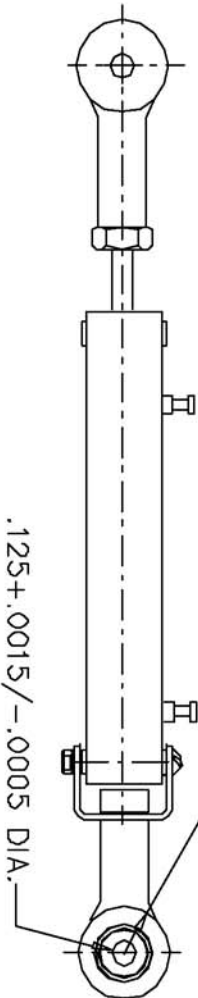
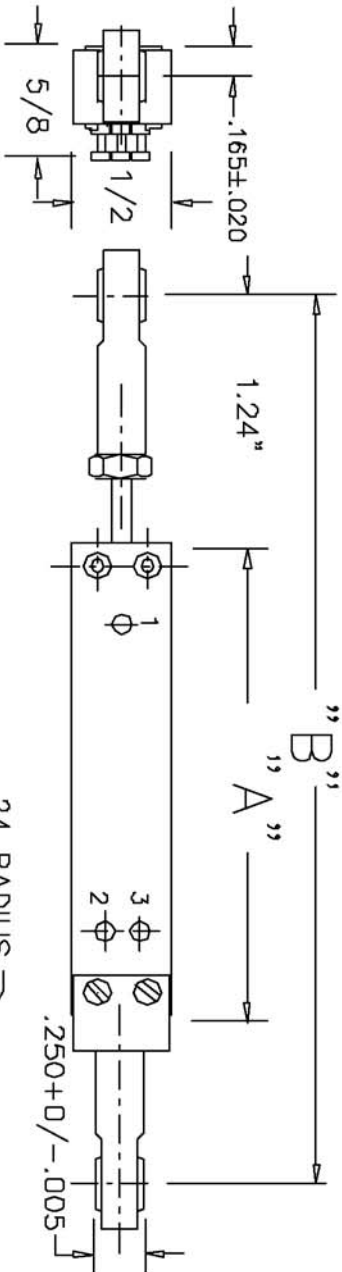
BODY _____ ALUMINUM(BLACK ANODIZE)
 LID _____ HIGH TEMP. PLASTIC
 SHAFT _____ STAINLESS STEEL
 TERMINALS _____ BRASS GOLD PLATED
 RESISTANCE ELEMENT _____ CONDUCTIVE PLASTIC

OPTIONS AVAILABLE

SPECIAL ENDED SHAFTS
 SPECIAL RESISTANCE VALUES
 SPECIAL LINEARITY
 NON STANDARD STROKES
 WIREWOUND RESISTANCE ELEMENT
 BRONZE BUSHINGS

MODEL NO.	12	25	50	100
STD.RESIS. VALUES	500,1K,2K 5K,10K	500,1K,2K 5K,10K	500,1K,2K 5K,10K	1K,2K,5K 10K,20K
RESISTANCE TOL.	±20%	±20%	±20%	±20%
LINEARITY (IND.)	±1.5%	±1.0%	±0.7%	±0.5%
POWER RATING	0.2 WATT	0.4 WATT	0.7 WATT	1.2 WATT
STROKE MECH+.1-.0	1/2"	1"	2"	4"
STROKE ELECT ±.02				
'A' DIM ±0.04	1.50	2.00	3.00	5.00
'B' DIM (REF.)	3.62	4.12	5.12	7.12

TOLERANCES
 XX = +/- .010" FRACT. = +/- 1/84"
 XXX = +/- .005" ANGLES = +/- 1/2"
 UNLESS SPECIFIED OTHERWISE.
 ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



TITLE
 LINEAR MOTION
 POTENTIOMETER