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				BY	BT	9-17-99		LCP12Y	
				BT				'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.	LCP12Y-12	LCP12Y-25	LCP12Y-50	LCP12Y-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. = +/- 1/8"
 XXX = +/- .005" ANGLES = +/- 1/2"
 UNLESS SPECIFIED OTHERWISE.
 ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

SCALE		DATE: 11-12-89	
NONE	BY		
	APPRVD	BT	
CODE IDENT: 19477			





TITLE	PART NO.
LINEAR MOTION POTENTIOMETER	LCP12Y

