

1/4" w x 5/16" h  
Conductive Plastic

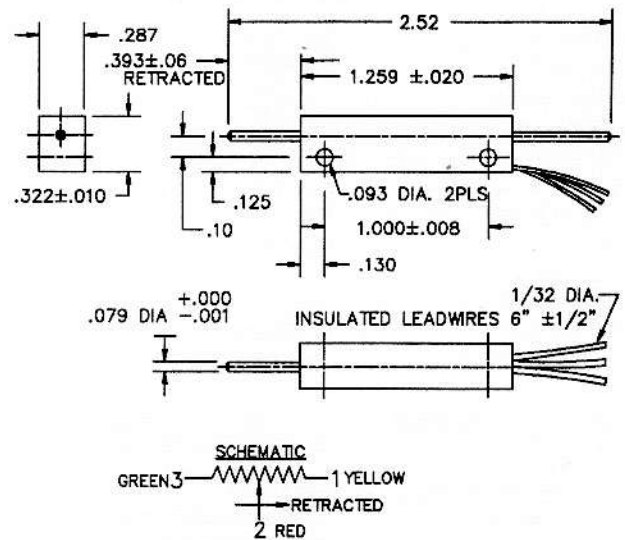
● FEATURES:

- Worlds smallest linear motion  
7/16" or 1/2" Stroke
- 20,000,000 strokes life
- Essentially infinite resolution
- Front and rear extended shaft



● SPECIFICATIONS

ELECTRICAL	LCP8-10	LCP8-12
Resistance Range.....	1K, 2K, 5K, 10K, 20K, 50K	
Resistance Tolerance .....	±15%	
Best Practical Resis.Tol.....	±10%	
Linearity, Independent .....	±2.0%	
Best Practical Linearity .....	±1.0%	
Resolution .....	Essentially Infinite	
Electrical Stroke .....	.433"	.500"
Output Smoothness .....	0.1% against input voltage	
Contact Resistance Variation .....	Less than 2%	
Power Rating .....	0.2 watt	
Insulation Resistance .....	1000 Megohms @ 500 VDC	
Dielectric Strength .....	500 VAC	
MECHANICAL		
Stroke (Mechanical).....	.472"	.500
Friction .....	30 Grams, approx.	
Stop Strength.....	Approx. 2 lbs.	
Life Expectancy .....	20,000,000 strokes	
Weight.....	0.2 oz.	
ENVIRONMENTAL		
Operating Temperature Range.....	-30°C to +105°C	
Moisture Resistance .....	40°C 95% RH 120 HRS	
Shock .....	50G 11Ms	
Vibration .....	10Hz to 2000Hz 15G	
Temperature Coefficient .....	±400 PPM/°C	



MATERIALS USED:

- Housing ..... Thermo-setting Plastic
- Shaft ..... Stainless Steel
- Resistive Element ..... Conductive Plastic

● OPTIONS:

- Spring Return
- Special Machining on the Shaft
- Threaded Shaft

HOW TO ORDER			(Example)
MODEL NUMBER	STROKE	RESIS. VALUE	
LCP8	- 10	- 10K	

Specifications subject to change without notice.