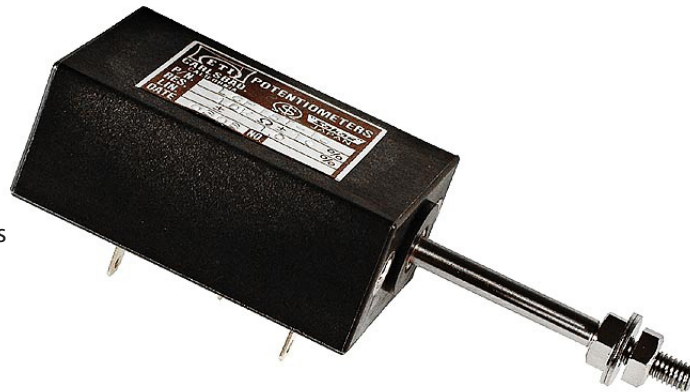


LCP15 Conductive Plastic Linear Potentiometer



For more information about this product, visit our website at:
www.potentiometers.com

Series LCP15 linear potentiometers feature a Conductive Plastic Element

Features

- Conductive Plastic resistive element
- Stroke Length: 10mm, 15mm, 20mm, 30mm
- Aluminum black anodized case, plastic lid
- Stainless steel shaft - threaded or plain
- Gold plated brass terminals

Electrical Specifications

Resistance Range: 500 to 10K ohms standard
Resistance Tolerance: $\pm 10\%$
Insulation Resistance: 1,000 Megohms @ 1,000VDC
Dielectric Strength: 1,000 VAC minimum
Linearity:
LCP15-10: $\pm 2\%$
LCP15-15: $\pm 1\%$
LCP15-20: $\pm 1\%$
LCP15-30: $\pm 1\%$
Power Rating:
LCP15-10: 0.2 watt
LCP15-15: 0.3 watt
LCP15-20: 0.4 watt
LCP15-30: 0.5 watt

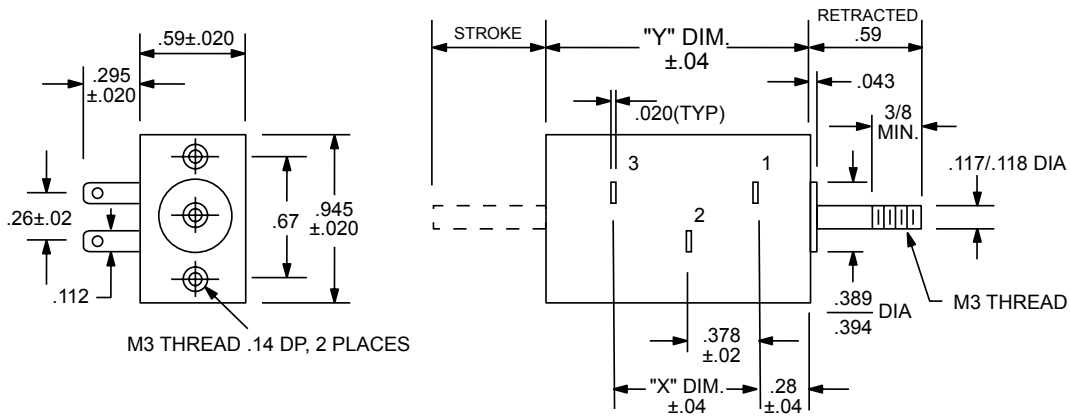
Mechanical Specifications

Stroke Length: .394", .590", .787", 1.181"
Shaft: Stainless steel
Friction: 3.6 oz
Weight: 10 to 35 grams
Life Expectancy: 20,000,000 strokes

Environmental Specifications

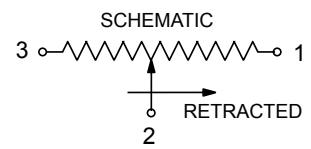
Temperature Range: -30°C to $+105^{\circ}\text{C}$
Temperature Coefficient: ± 400 PPM/ $^{\circ}\text{C}$

LCP15 Conductive Plastic Linear Potentiometer



DIMENSIONS

	X	Y
LCP15-10	1.46	.787
LCP15-15	1.46	.787
LCP15-20	2.05	1.378
LCP15-30	2.05	1.378



Ordering Information

Example Part Number: **LCP15-P-20-10K**

LCP15	P	20	10K	SB
Model	Shaft Style	Stroke Length	Resistance	Options
LCP15	P = Plain PS = Plain with Ext. Spring Return C = Chamfered CS = Chamfered with Ext. Spring Return A = Threaded #4-40 B = Threaded #5-40 with Int. Spring Return	10 = 10mm 15 = 15mm 20 = 20mm 30 = 30mm	500 = 500 ohms 1K = 1K ohms 2K = 2K ohms 5K = 5K ohms 10K = 10K ohms	SB = Sealed Body

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