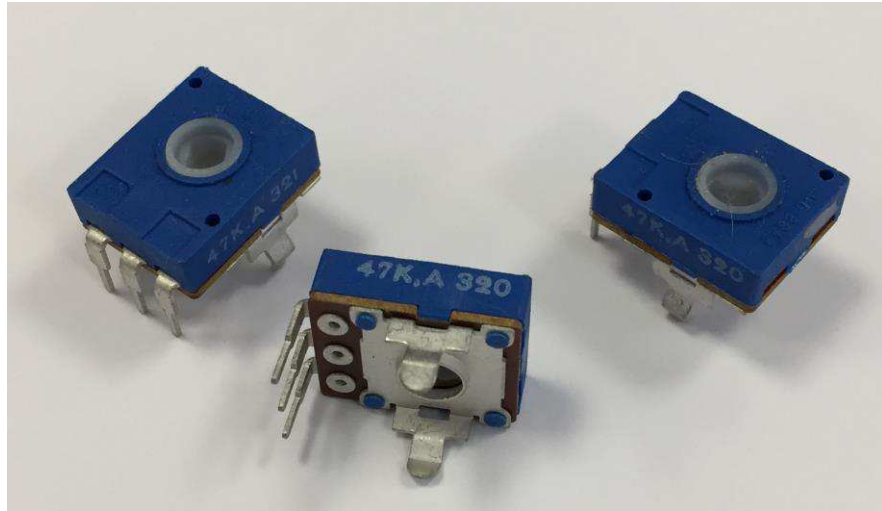


Type 51T Series

Key Features

Designed for
plug in shaft

Other values
considered on
request



The Type 51T Series from TE Connectivity offers a small, high quality potentiometer; a standalone module for use with a plug in shaft. Advanced carbon polymer element technology potentiometers available to meet your every requirement.

Characteristics – Electrical

Resistance Range	470R ~ 1M0		
Standard Values	1.0, 2.2 and 4.7 in each decade		
Tolerance	20%		
Resistance Law	Linear		
Residual Resistance Value	Resistance	Initial	End
	< 25KΩ	≤ 5Ω	< 10Ω
	25KΩ ~ <100KΩ	≤ 5Ω	≤ 25Ω
	100KΩ ~ <250KΩ	≤ 10Ω	≤ 25Ω
	≥ 250KΩ	≤ 10Ω	≤ 75KΩ
Contact Resistance	≤ 4%		
Power rating	0.2W		
Operating Temperature Range	-25°C ~ 70°C		
Dielectric Strength	500V DC (60Hz 1 Min.)		

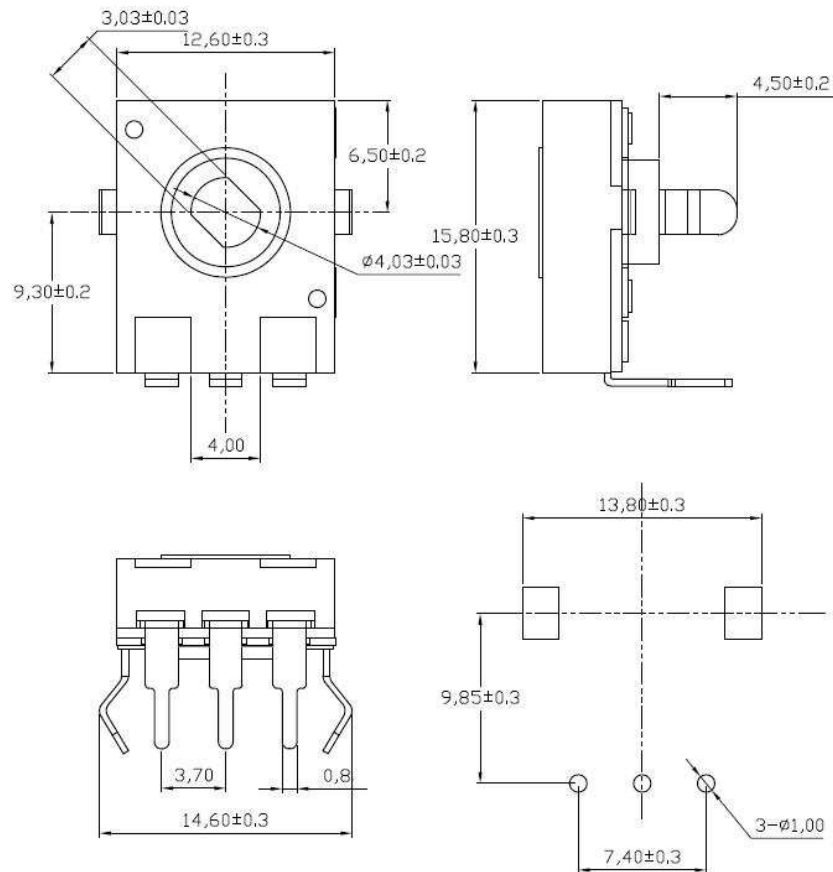
Characteristics – Mechanical

Mechanical Life	≥ 10,000
Rotational Angle	300° ± 5°

Characteristics – Environmental

Climatic Category	25/70/10
Storage Temperature	-40 ~ 85°C
Operating temperature Range	-25°C ~ 70°C

Dimensions:



How to Order

51T	47K	A
Common Part	Resistance Value	Resistance Law
51T – Rotary Potentiometer	1K0 – 1.0KΩ 47K – 47KΩ 1M0 – 1.0MΩ	A - Linear