

Key features

- stable high resolution cermet element
- space saving device
- 0.5 watt rating at 85°C
- proven reliability
- top and side adjust versions
- sealed for wave soldering
- well established design
- up to 150°C temperature

type 470 series

For applications that demand a durable, miniature trimming potentiometer, this military style offers quality at the right price. Cermet element technology ensures stability and performance in these 6mm diameter components. All units are available with top or side adjustment. All are fully sealed to withstand immersion in normal board washing solvents.

Electrical

Resistance Range:	10R to 1M
Resistance Values:	1, 2, 5 in each decade
Resistance Tolerance:	± 10%
Slider Current:	50mA
Power Rating:	0.5W at 85°C Derating to zero at 150°C
Limiting Element Voltage:	200V DC or AC RMS maximum
Rotational Noise (CRV):	3 ohms or 3% whichever is greater
Temperature Coefficient:	±100ppm/°C
Electrical Adjustment:	240° nominal

Environmental

Temperature Range:	- 55°C to +150°C
Rotational Life:	200 cycles
Load Life at 70°C:	1000 hours at 0.5W
Sealing:	Board Washing and immersion cleaning

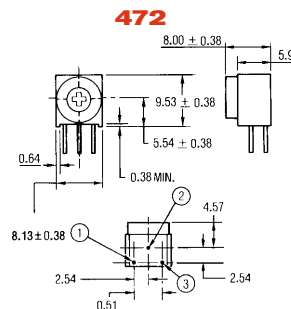
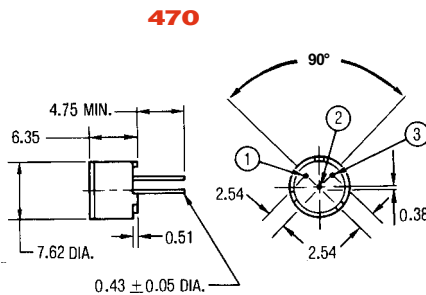
Mechanical

End Stop:	3.5 mNm minimum
Starting Torque:	3.5mNm maximum
Mechanical Adjustment:	260° nominal

Specification

PCB Trimmers

Dimensions



How to Order

470	102	K
Common Part	Resistance Value	Tolerance
470 - Top Adjust 472 - Side Adjust	The first two digits are significant figures of resistance value and the third one denotes the number of zeros following Example 1K :102 10K :103 100K :104	K - ±10%

Please Request Full Data Sheet F0251