

PT-6

6mm potentiometer



Main features

Housing plastic material according to UL94V-0	upon request
Resistive element	carbon
Dust proof enclosure	yes
Supplied in magazines for automatic insertion	yes
Wiper positioned at 50% or fully clockwise	upon request
Special tapers	yes
Special switch option	SPDT switch
Crimped terminals available	yes
Standard knob and shaft available	yes
Ganged version available	yes
SMD version	see N6 series

Electrical specifications

Range of values*	$220\Omega \leq R_n \leq 5M$ (Decad. 1.0 - 2.0 - 2.2 - 2.5 - 4.7 - 5.0)
Tolerance*	$220\Omega \leq R_n \leq 1M\Omega$ $\pm 20\%$ $1M\Omega < R_n \leq 5M\Omega$ $\pm 30\%$
Max. Voltage	100 VDC (lin), 50 VDC (no lin)
Nominal Power	50°C (122°F) 0.1 W (lin) 0.05 W (no lin)
Taper*	Lin, Log, Alog (Log & Alog only $R_n \geq 1k$)
Residual resistance*	$\leq 0.5\% R_n$ (5 Ω min.)
Equivalent noise resistance	$\leq 3\% R_n$ (3 Ω min.)
Operating temperature	-25°C + 70°C** (-13°F + 158°F)

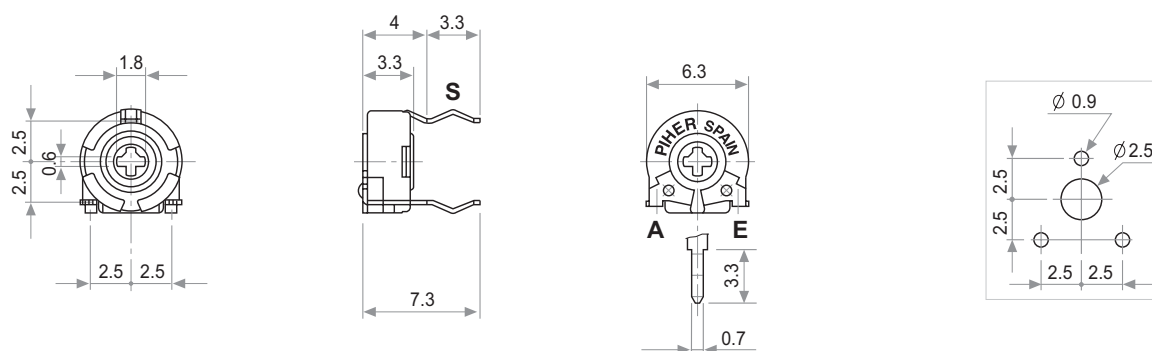
(*) Others upon request

(**) Up to +85°C depending on application

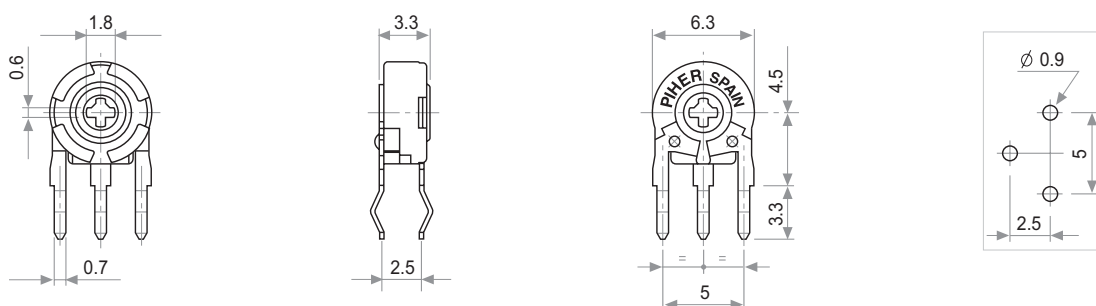
Mechanical specifications

Mechanical rotation angle	$235^\circ \pm 5^\circ$
Electrical rotation angle	$200^\circ \pm 20^\circ$
Torque	0.2 to 2 Ncm. (0.3 to 2.7 in-oz)
Stop torque	> 4 Ncm. (>5.6 in-oz)
Life	500 cycles, 10K cycles

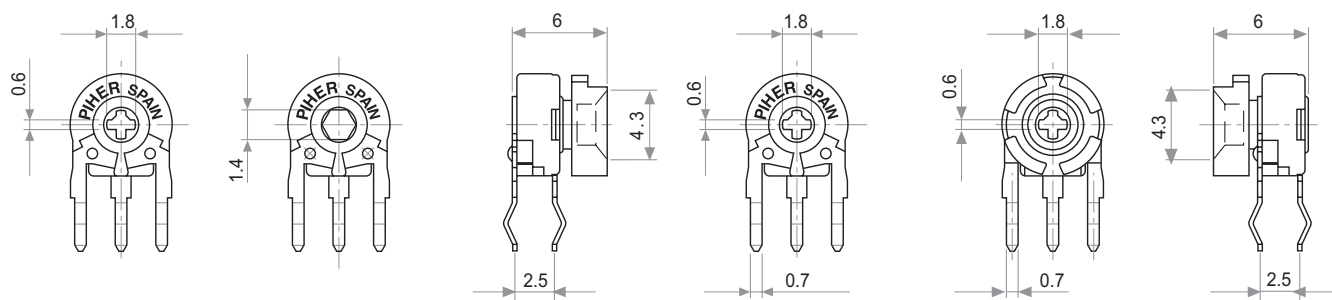
V = Horizontal mount / Vertical adjust



H = Vertical mount / Horizontal adjust



Rotors



K= Cross slot thru hole

M= Hexagonal thru hole

X = Adjustable from collector side

W= Adjustable from terminal side

Packaging

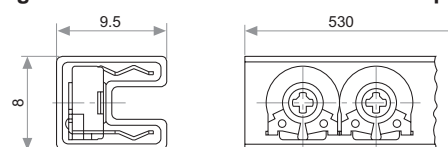
BOXES

Model	Units
All	1.000

AUTOMATIC INSERTION

Magazines	Units per magazine
PT-6 V & PT-6 WV	80 Pieces

Magazines for PT-6 V with or without crimp.



Magazines for PT-6 WV with or without crimp.

