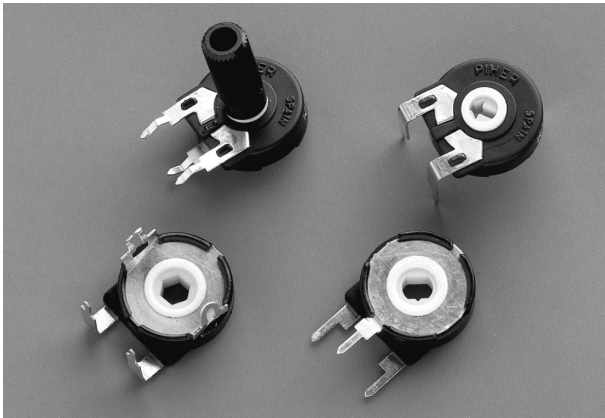


PT-15

FEATURES

- Carbon resistive element.
- Dust proof enclosure.
- Polyester substrate.



MECHANICAL SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

$\leq 3\% R_n (3 \Omega \text{ min.})$

HOW TO ORDER

OPTIONAL EXTRAS

PT-15	L	H01	223	A	2020
Series		Code	Mounting Method	Taper	
PT-15		H01 H05 H25 H06 H02 H10 V02 V12 V15 V17 V18 V24 V21 V22 V23	H2.5 H5 HC5 B H2.5P H5P V12.5 VA V15 V17.5 D VD15 V12.5P VAP V15P	A = Lin. B = Log. C = Alog.	Value Tolerance
Rotors					
C F G L M N R T X W Y Z					
(See note 1)		(See note 2)	(See note 3)		(See note 4)

NOTES:

- (1) "Z" adjustment only available on "H" versions. Standard colour for the "T" rotor: Orange
- (2) Terminal styles: "P" are crimped terminals. V24 not available with steel terminals. V=Vertical adjust; H=Horizontal Adjust

- (8) Cream colour only available in standard plastic
- L

HOW TO ORDER CUSTOM DRAWING

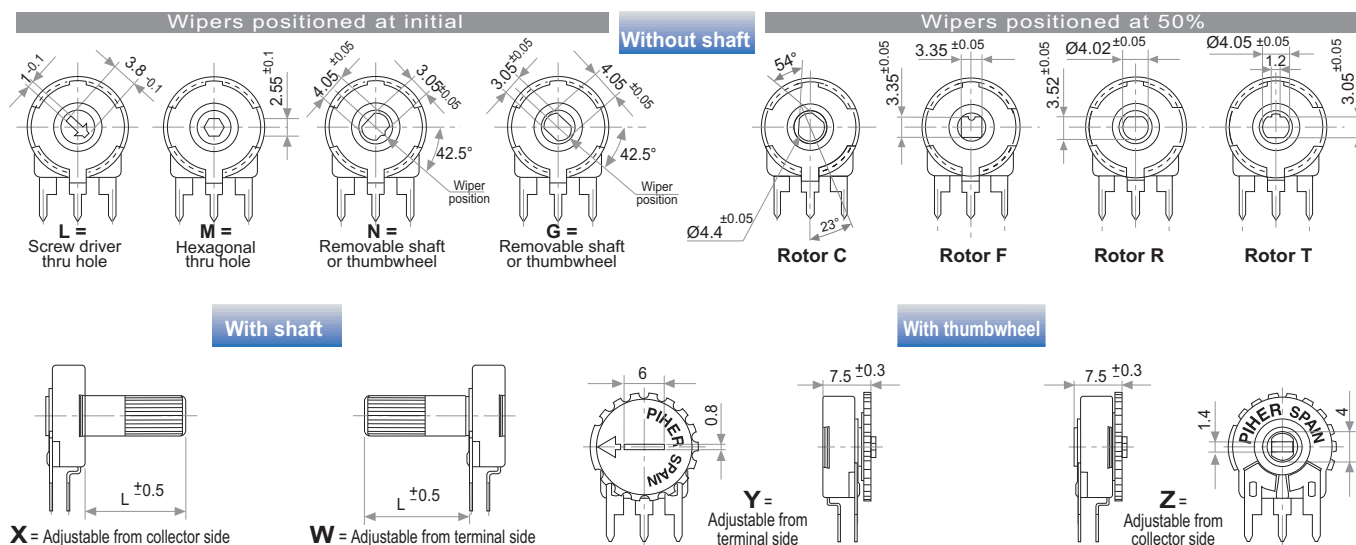
PT-15 LH 01 + DRAWING NUMBER (Max. 16 digits)

This way of ordering should be used for options which are not included in the "How to order" standard and optional extras.

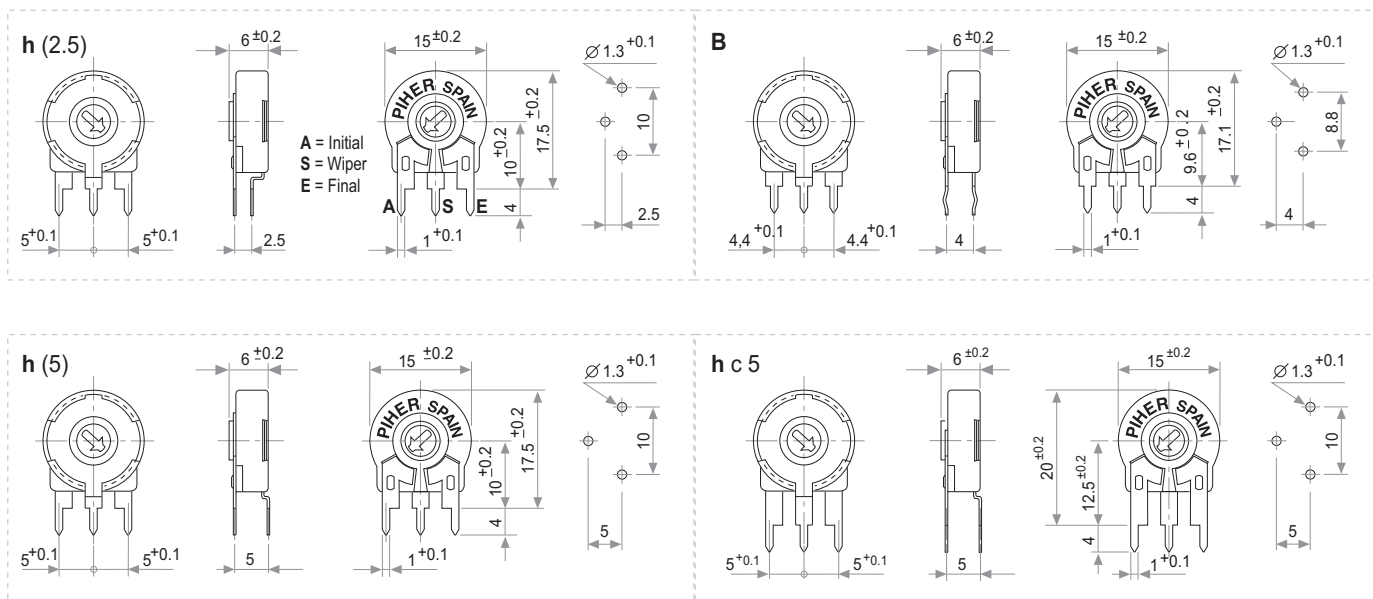
STANDARD OPTIONS

Mechanical Life	500 cycles
Cut track	No
Detents	None
Non flammable	No
Rotor colour	White
Shaft colour	Natural
Wiper position	Initial
Torque	Standard

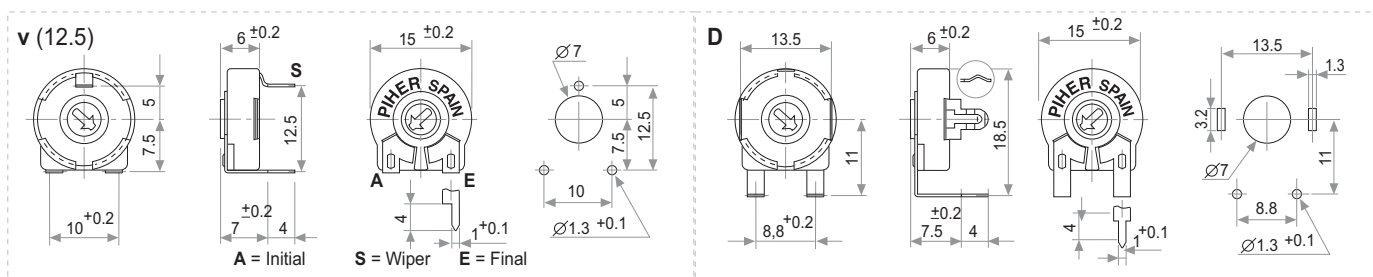
ROTORS



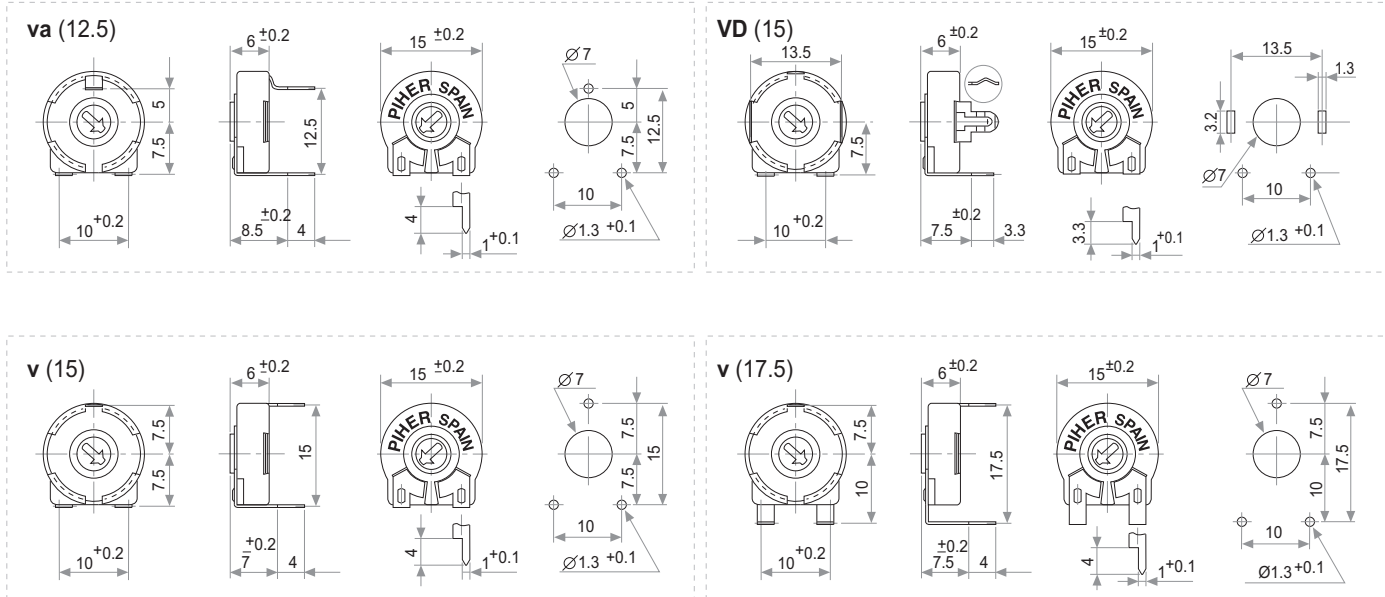
VERTICAL MOUNT - HORIZONTAL ADJUST



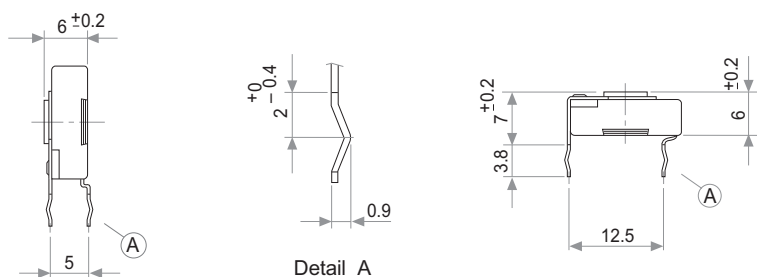
HORIZONTAL MOUNT - VERTICAL ADJUST



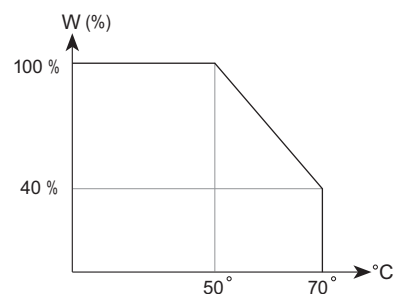
HORIZONTAL MOUNT - VERTICAL ADJUST



CRIMPED TERMINALS (DETAIL)

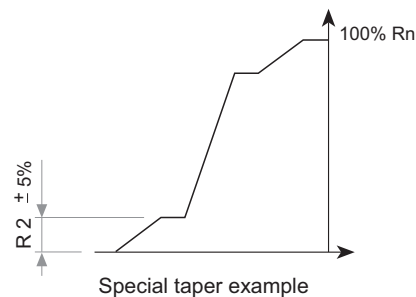
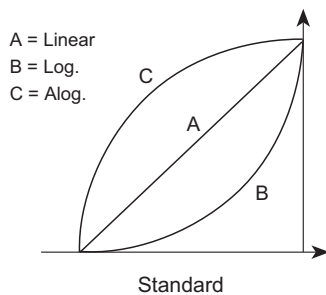


POWER RATING CURVE



TAPERS

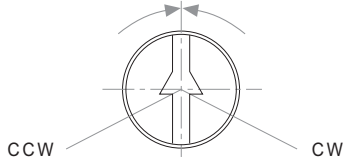
NOTE: Please note terminals disposition when ordering non linear curves.



OPTIONS

Positioning

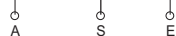
P.M.
50% ±20°



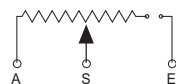
Std. Position = CCW

Cut Track

CCW on-off (A)



A = Initial
S = Wiper
E = Final



CW on-off (E)



TESTS

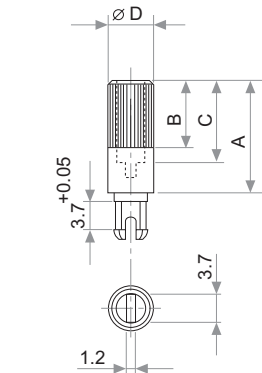
TYPICAL VARIATIONS

ELECTRICAL LIFE	1.000 h. @ 50°C; 0.25 W	±5 %
MECHANICAL LIFE (CYCLES)	500 @ 10 CPM ...15 CPM	±3 % (Rn < 1 MΩ)
TEMPERATURE COEFFICIENT	-25°C; +70°C	±300 ppm (Rn <100 K)
THERMAL CYCLING	16 h. @ 85°C; 2h. @ -25°C	±2.5 %
DAMP HEAT	500 h. @ 40°C @ 95% HR	±5 %
VIBRATION (for each plane X,Y,Z)	2 h. @ 10 Hz. ... 55 Hz.	±2 %

NOTE : Out of range values may not comply these results.

SHAFTS

Hollow model shafts



A = Length (FRS)
B = Knurling length
C = Hollow depth
D = Shaft diameter
FRS = From rotor surface

FIG.	A	B	C	D	Ref.
1	12	9	8	6	5272
2	19	9	15	6	5214
5	9.5	6.5	5.5	6	5208
9	35	9	31	6	5216
10	37.8	9	33.8	6	5218
11	35	25	15	6	5209
13	7.8	4.8	3.8	6	5265

Solid model shafts

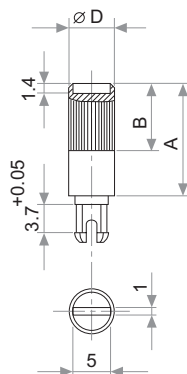


FIG.	A	B	D	Ref.
6	15	9	6	5219
7	16.8	9	6	5220
8	25.3	9	6	5207
12	46	5	6	5227

Slot (1 x 1.4) perpendicular to wiper position. Fig. 12 slot is on line with wiper position.

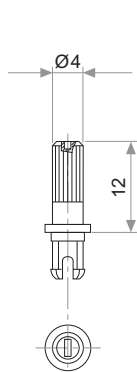


Fig. 3 / Ref. 5372

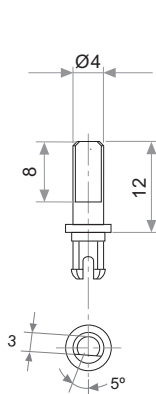


Fig. 15 / Ref. 5217

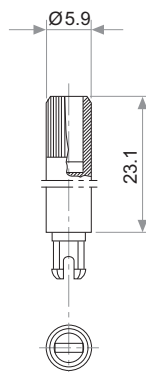


Fig. 17 / Ref. 5210

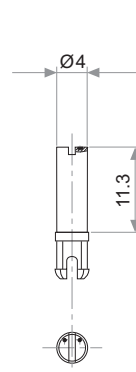


Fig. 18 / Ref. 5271

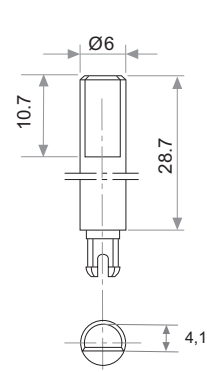


Fig. 19 / Ref. 6032*

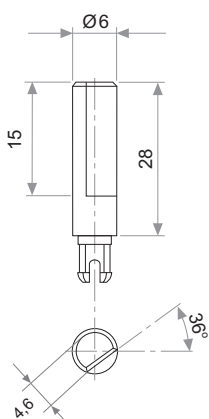


Fig. 20 / Ref. 5369*

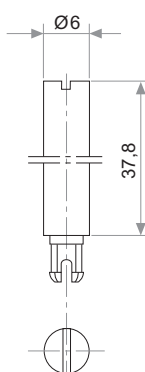


Fig. 21 / Ref. 6031*

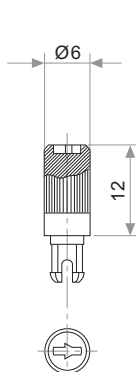


Fig. 22 / Ref. 6029

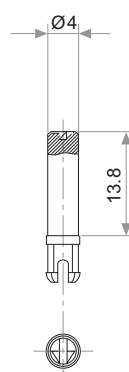


Fig. 23 / Ref. 6022

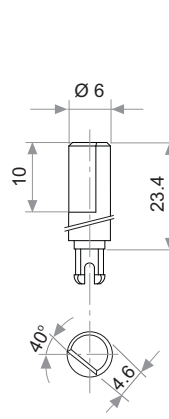


Fig. 29 / Ref. 6162

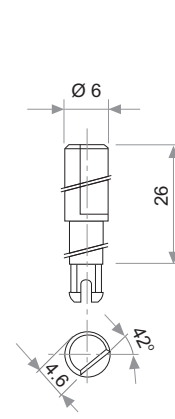


Fig. 25 / Ref. 6059

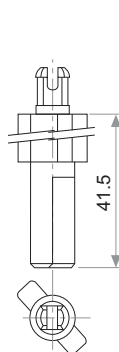


Fig. 27 / Ref. 5268*

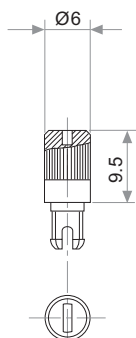


Fig. 28 / Ref. 6055

* Not available in self extinguishable plastic

THUMBWHEEL

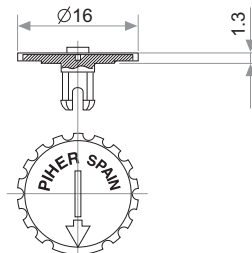


Fig. 4 / Ref. 5371