



FEATURES

High dissipation metal-glaze resistive element on a ceramic base. Insulated actuating device with hexagonal slot or cross slot. Both sides suitable for actuating. Horizontal adj. and vertical adj. versions. Adjustment by means of insulated hexagonal or cross slots. Overall width: 9,8 mm (allows for high density use with air-gap isolation on a 2,5 mm grid). The glass-filled synthetic resin housing is fire resistant. Stable high quality performance. Can be mounted by automatic insertion machines.

STANDARD SPECIFICATIONS

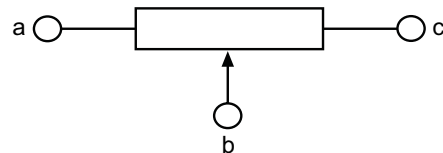
Resistance range:	47Ω to 10 MΩ
Standard tolerance:	± 20% and ± 10%
Rated dissipation at 70°C (P _{max})	0,5 W
Taper:	Linear
Temperature Range:	-55°C to +125°C
Mechanical Angle:	300° ± 5°
Electrical Angle:	285° ± 10°
Rotational Torque:	3 to 20 mNm
Max. Voltage:	250 VDC
Stop Torque (max.):	50 mNm

TYPICAL APPLICATIONS

Designed for video, audio and industrial applications and especially suited for equipment in which automatic adjustment is required. Versions with a hexagonal slot are available with a knob to facilitate manual adjustment

TERMINAL DESIGNATION

Terminals a and c are the end terminals; b is the central terminal connected to the wiper. All terminals are either straight or snap-in pins for mounting on printed-wiring boards of nominal 1,0 to 1,6 mm thickness, grid pitch 2,5 or 2,54 mm.



HOW TO ORDER

2322 484

1

2

101

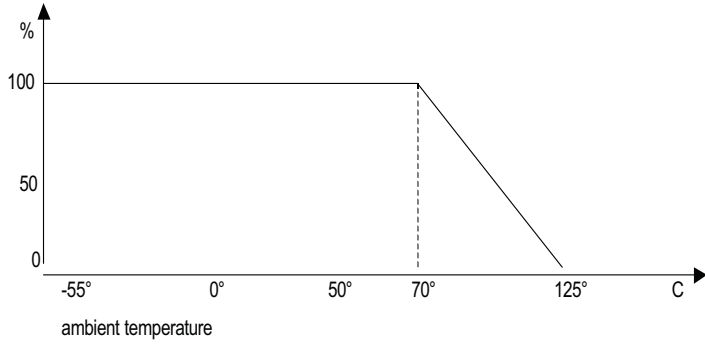
Series	Mounting method, rotor	Tolerance, pins, packaging	Resistance code	
2322 484	1 = horiz. adj.(vert. mount), hex. slot 2 = horiz. adj.(vert. mount), cross slot 6 = vert. adj.(horiz. mount), hex. slot 7 = vert. adj.(horiz. mount), cross slot	2 = ± 20%, snap-in, bulk packaging 3 = ± 10%, snap-in, bulk packaging 4 = ± 20%, straight, bulk packaging 5 = ± 10%, straight, bulk packaging	470 = 47 Ω 680 = 68 Ω 101 = 100 Ω 151 = 150 Ω 221 = 220 Ω 331 = 330 Ω 471 = 470 Ω 681 = 680 Ω 102 = 1 k Ω 152 = 1,5 k Ω 222 = 2,2 k Ω 332 = 3,3 k Ω 472 = 4,7 k Ω 682 = 6,8 k Ω 103 = 10 k Ω 153 = 15 k Ω 223 = 22 k Ω	333 = 33 k Ω 473 = 47 k Ω 683 = 68 k Ω 104 = 100 k Ω 154 = 150 k Ω 224 = 220 k Ω 334 = 330 k Ω 474 = 470 k Ω 684 = 680 k Ω 105 = 1 M Ω 155 = 1,5 M Ω 225 = 2,2 M Ω 335 = 3,3 M Ω 475 = 4,7 M Ω 685 = 6,8 M Ω 106 = 10 M Ω

NOTES:

NOTE: The information contained here should be used for reference purposes only.

POWER DERATING CURVE

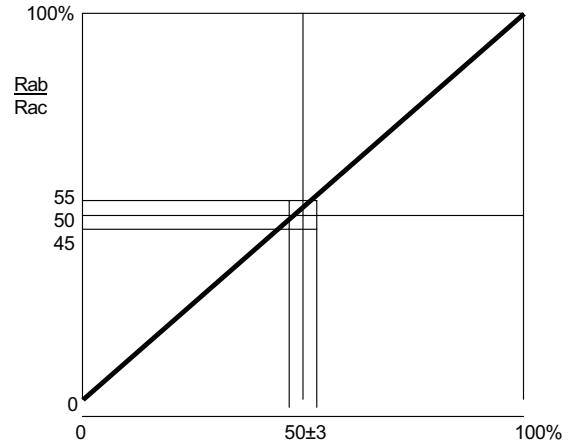
Potentiometers covered by this specification are derated according to the curve below. Dissipation in % of the dissipation at 70°C (0.5W).



Dissipation as a function of ambient temperature.

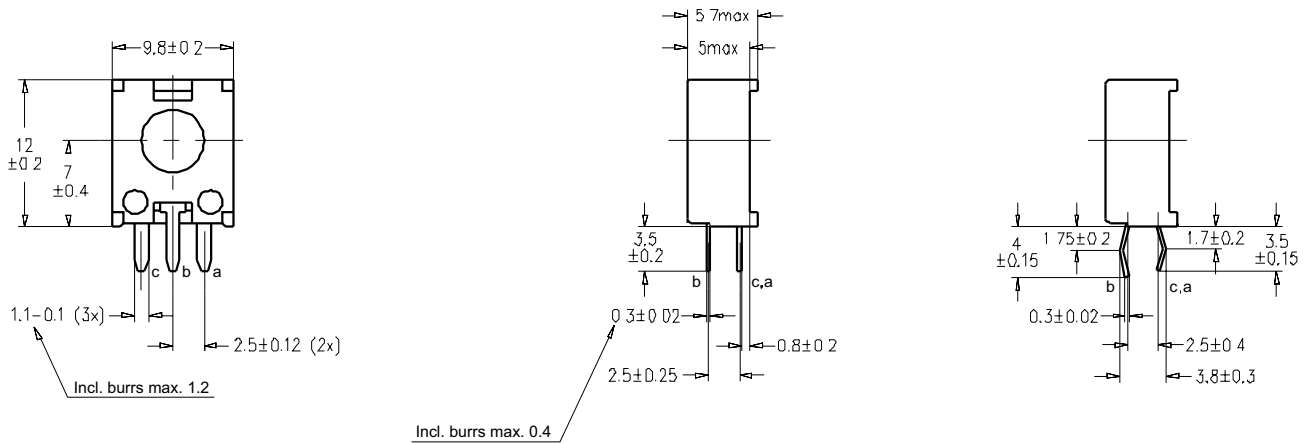
TAPER

Potentiometers covered by this specification are linear.

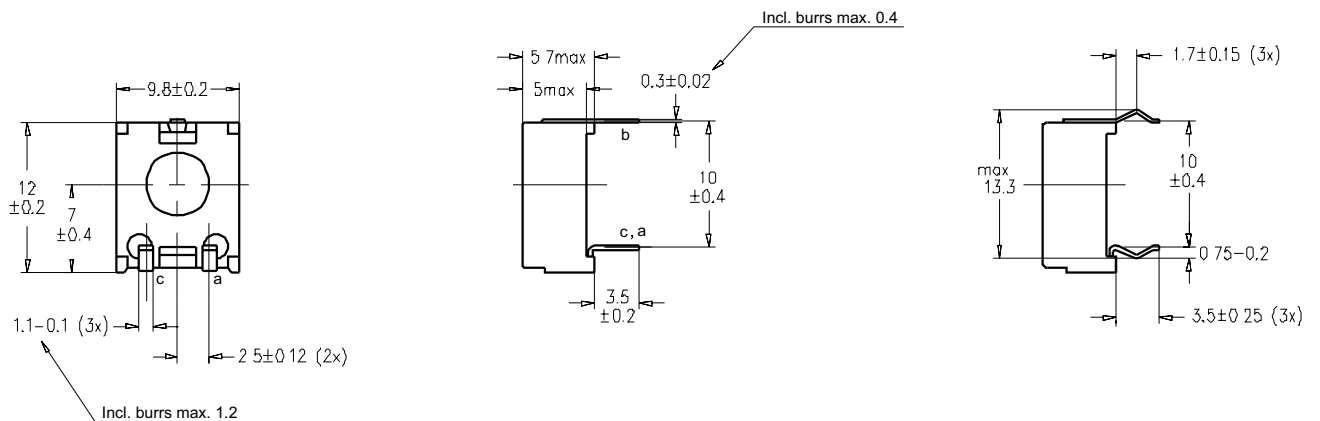


Mechanical angle of rotation

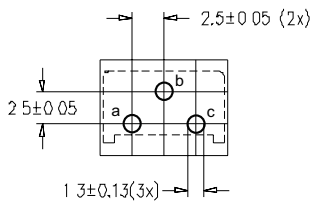
HORIZONTAL ADJUST - VERTICAL MOUNT



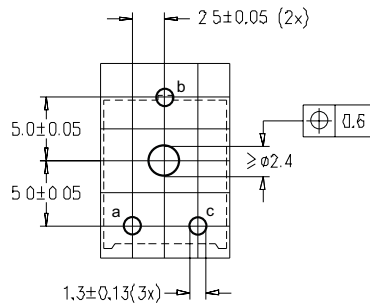
VERTICAL ADJUST - HORIZONTAL MOUNT



FOOTPRINT

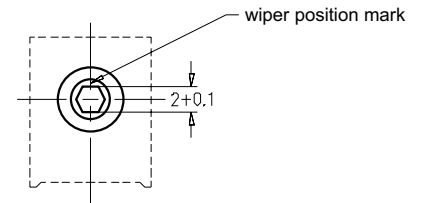


Hole pattern for horiz. adj. versions, viewed from component side

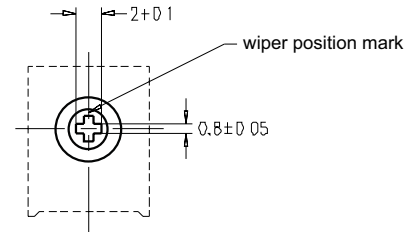


Hole pattern for vert. adj. versions, viewed from component side

ROTORS



Hexagonal slot, insulated wiper

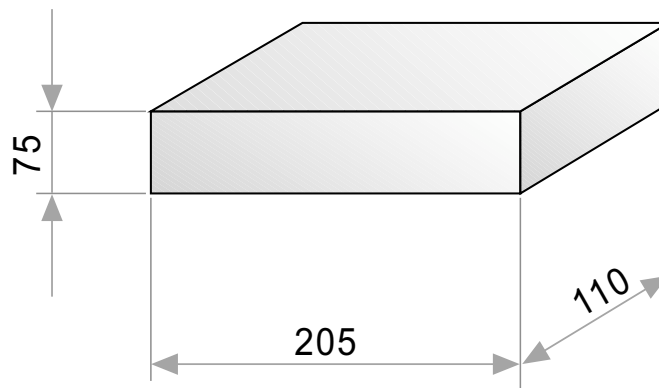


Cross slot, insulated wiper

PACKAGING

BULK

1000 Units per box.



MARKING

The potentiometers are marked with the rated resistance, according to IEC 62, e.g. $220 \Omega = 220 R$; $10 k\Omega = 10 k$; $1 M\Omega = 1MO$.

The package is marked with:

- catalogue number
- date of production,
- quantity.

SHAFTS

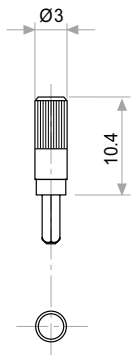


Fig. 1 / Ref. 5016

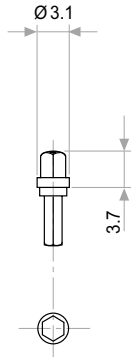


Fig. 2 / Ref. 5053

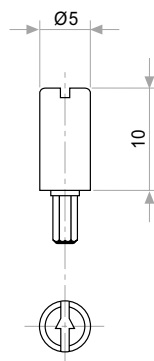


Fig. 3 / Ref. 5012

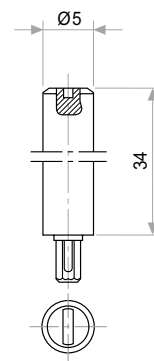


Fig. 4 / Ref. 6053

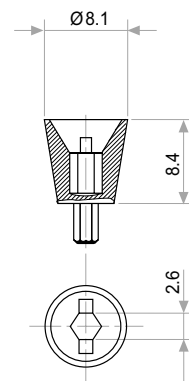


Fig. 6 / Ref. 5035

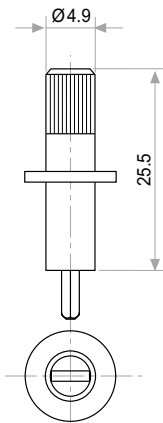


Fig. 7 / Ref. 5115

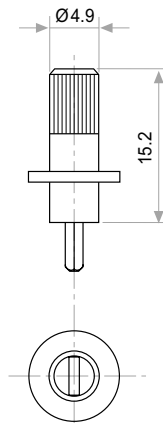


Fig. 8 / Ref. 5116

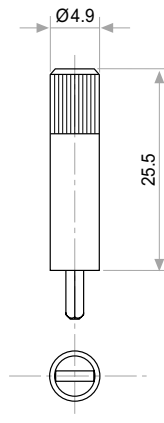


Fig. 9 / Ref. 5119

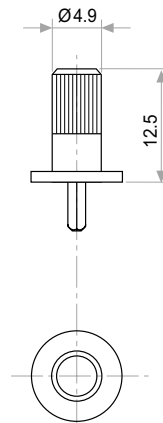


Fig. 10 / Ref. 5120

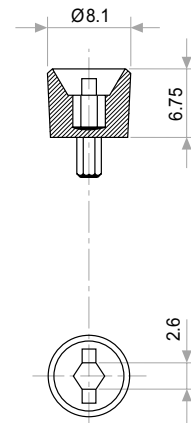


Fig. 11 / Ref. 5027

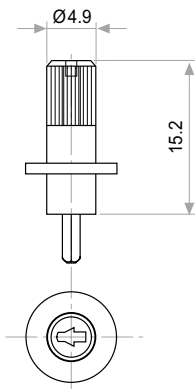


Fig. 12 / Ref. 6052

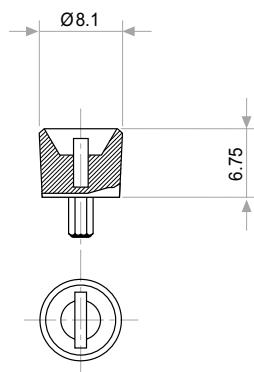


Fig. 13 / Ref. 5121

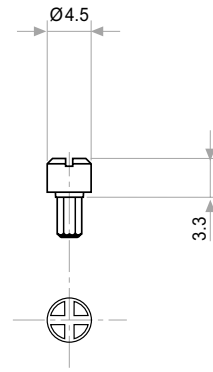


Fig. 14 / Ref. 5055

THUMBWHEELS

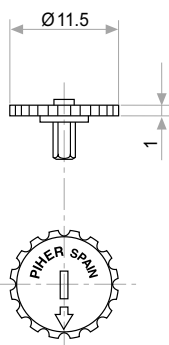


Fig. 5 / Ref. 5034

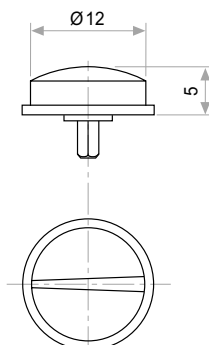


Fig. 15 / Ref. 6008

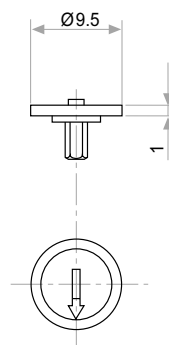


Fig. 16 / Ref. 5039

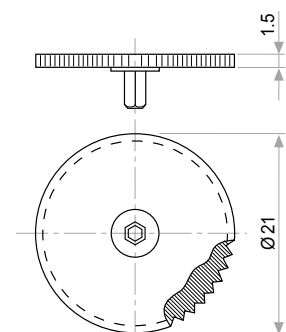


Fig. 17 / Ref. 5062