



100R 6mm High Temperature Cermet Potentiometer

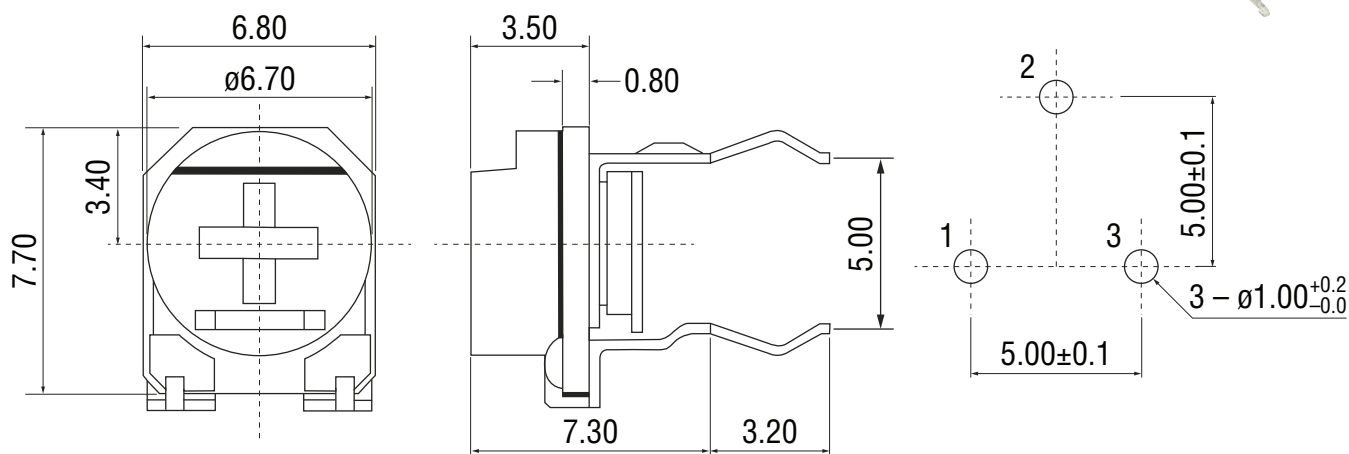
Order code: **67-0348**

Features:

Compact design with a good space factor.

Applications:

For volume controls, electronic tuning and brightness control in radio, headphones stereo, liquid crystal TV sets, personal computers, CD-ROMs etc.



Electrical characteristics:

Total resistance	100 Ω -1M Ω
Total resistance tolerance	$\pm 30\%$
Power rating	0.1W
Resistance taper	Taper B
Sliding noise	150mV maximum
Temperature characteristics (70°C, 5 hours)	3% maximum
Insulation resistance	100M Ω minimum at 100V DC
Maximum operating voltage	100V AC at 50°C
Solder heat resistance	260°C, 5s or 300°C, 3s

Mechanical characteristics:

Operation torque	30~300gf. cm
Rotation stopper strength	0.7Kgf. cm minimum
Total rotational angle	240 $\pm 10^\circ$

Endurance characteristics:

Rotational life	More than 100 turns. Following 50 ± 2 rotations without load. Change in total resistance value to be within $\pm 20\%$ maximum
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