WX2230-JK Wirewound Switch Potentiometer

Electrical Characteristics

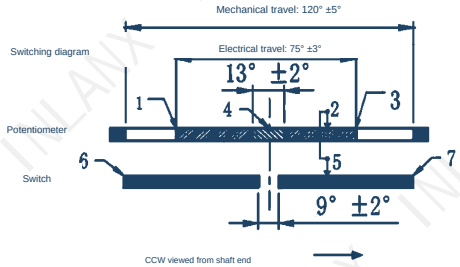
Parameter	Specification
Nominal resistance	1 kΩ (special resistance values available)
Resistance tolerance	±10%
Effective electrical travel	75°±3°
Peak noise	≤100 Ω
Insulation resistance	≥500 MΩ (500 VDC)
Dielectric withstand	750 VAC, 1 min
Switch contact resistance	≤2 Ω



Physical Characteristics

Parameter	Specification
Starting torque	≤3 mN·m
Mechanical travel	120°±5° (with end stops)
Marking	Manufacturer logo, model, product code

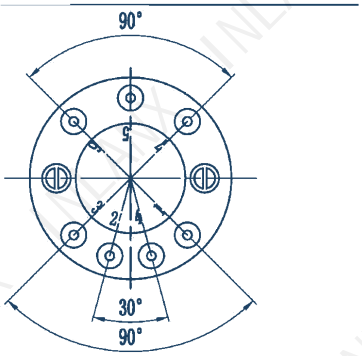
Circuit Diagram

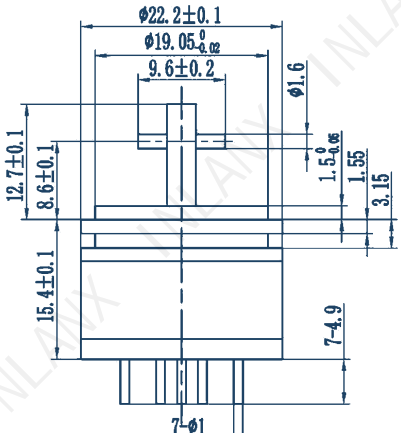


Environmental Characteristics

Parameter	Specification
Temperature range	-55℃ to +125℃
Rated power	0.5 W
Resistance-temperature characteristic	≤100 ppm/℃

Outline Dimensions • mm





Applicable Standards

Quality mark	Detail specification	Generic specification
J (QB available)	—	GB/T 15298-1994

Main Inspection Items

Item	Test Conditions and Requirements
Random vibration	GJB 360B-2009, Method 214, Test Condition II, Condition D; X, Y and Z axes, 5 min per axis; no mechanical damage or momentary electrical discontinuity longer than 0.1 ms.
Rotational load life	≥25000 revolutions

Ordering Information

WX2230-JK - 1K±10% - 75 - S

Model / Nominal resistance and tolerance / Effective electrical travel / Mounting S (servo mounting)