

RKT-3361-1/4" SQUARE SMD TRIMMING POTENTIOMETER



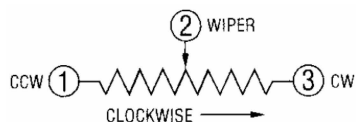
- Single-Turn/ Cermet/ Industrial/ Sealed
- Miniature package
- Rotor designed for automatic machine adjust interface
- Withstands harsh environments and immersion cleaning processes
- Compatible with surface mount manufacturing processes

Electrical Characteristics	
Standard Resistance Range	10Ω - 2MΩ (see standard resistance table)
Resistance Tolerance	±10% std (tighter tolerance available)
Absolute Minimum Resistance	1% or 2 ohms (whichever is greater)
Contact Resistance Variation	3% or 3 ohms max (whichever is greater)
Adjustability	
Voltage	±0.05%
Resistance	±0.15%
Resolution	infinite
Insulation Resistance	500vdc 1,000 megohms min
Dielectric Strength	
Sea Level	900 vac
80,000 Feet	350 vac
Adjustment Angle	240 nom

Environmental Characteristics	
Maximum Soldering Exposure (Temp/Time)	+245°C / 10 seconds.
Power Rating (300 volts max)	70°C -0.5 watt & 125°C -0 watt
Temperature Range	-55°C to +125°C
Seal Test	85°C Fluorinert
Humidity	MIL-STD-202 Method 103 96 hours (2% TR; 10 Megohms IR)
Vibration	30 G (1% TR; 1% VR)
Shock	100 G (1% TR; 1% VR)
Load Life	1000 hours 0.5 watt @70°C (3% TR; 3% or 3 ohms, whichever is greater CRV)
Rotational Life	200 cycles (4% TR; 3% or 3 ohms, whichever is greater CRV)

Physical Characteristics	
Mechanical Angle	270 ohm
Torque	3.0oz-in. max
Stop Strength	7.0oz-in. max
Terminals	Solderable pins
Weight	0.02 oz
Marking	Resistance Code, Terminal numbers, manufacturers model number style and date code
Wiper	50% (Actual TR) ±10%
Flammability	UL 94V-0
Standard Packaging	1,000 per reel
Adjustment Tool	H-90

DIMENSIONS ARE: MM
(INCHES)



Common Dimensions	
RKT-3361P	RKT-3361S
Recommended Land Pattern	Recommended Land Pattern
TOLERANCES: ±0.25 (0.010) EXCEPT WHERE NOTED	