

RKT-3299 SQUARE TRIMMER POTENTIOMETER

Electrical Characteristics	
Standard Resistance Range	10 to 2 meg ohms (see standard resistance table)
Resistance Tolerance	±10% std. (tighter tolerance available)
Absolute Minimum Resistance	1% or 2 ohms max. (Whichever is greater)
Contact Resistance Variation	1.0% or 3 ohms max. (Whichever is greater)
Adjustability	
Voltage	±0.01%
Resistance	±0.05%
Resolution	Infinite
Insulation Resistance	500 VDC. 1000 meg ohms min.
Dielectric Strength	
Sea Level	900 VAC.
70000 Feel	350 VAC.
Effective Travel	25 turns nom.

Environmental Characteristics	
Power Rating (300 volts max.)	
70°C	0.5 watt
125°C	0 watt
Temperature Range	-55°C to +125°C
Temperature Coefficient	±200 or ±100 ppm/°C
Seal Test	85°C Fluorinert
Humidity	MIL-STD-202 Method 103 96 hours(2% ΔTR;10 Meg ohms IR)
Vibration	20G(1% ΔTR;1% ΔVR)
Shock	100G(1% ΔTR;1% ΔVR)
Load Life	10000 hours 0.5 watt@70°C (3% ΔTR;3% or 3 ohms, Whichever is greater, CRV)
Rotational Life	200 cycles(4%ΔTR;3% or 3 ohms, Whichever is greater, CRV)

Physical Characteristics	
Torque	3.0 oz-in. max
Mechanical Stops	Wiper idles
Terminations	Solderable pins
Weight	0.035 oz.
Marking	Manufacturer's trademark, resistance code, wiring diagram, date code, manufacturer's model number and style
Wiper	50%(Actual TR) ±10%
Flammability	U.L.94V-0
Standard Packaging	50 pcs. per tube
Adjustment Tool	H-90

Common Dimensions

RKT-3299P

RKT-3299W

RKT-3299X

RKT-3299Y

RKT-3299Z

How to Order

Model RKT-3299 - W - 1 103 - LF

Style

Standard or Modified Product Indicator
-1=Standard Product

Resistance Code

Terminations

LF=100% Tin-plated (RoHS compliant)
Blank=90% Tin/10% Lead-plated(Standard)
Consult factory for other available options

Tolerance: ±0.25(.010) Except Where Noted

DIMENSIONS ARE: $\frac{MM}{(INCHES)}$

Resistance Table

Resistance (Ohms)	Resistance Code
10	100
20	200
50	500
100	101
200	201
500	501
1000	102
2000	202
5000	502
10000	103
20000	203
25000	253
50000	503
100000	104
200000	204
250000	254
500000	504
1000000	105
2000000	205

Popular distribution resistance values listed in boldface. Special resistances available.