

## Data sheet

### Cermet Presets

### Model 22



- 3 mm Single-Turn
- open frame surface mount
- cermet trimming
- potentiometer

#### Models available

J Hook	22A	Side mount	22S
<b>Electrical</b>			
Resistance range	10 to 2 Mega Ohms	Dielectric strength	500 V ms
Standard resistance range tolerance	± 20 %	Insulation resistance, min.	100 Mohms
Input voltage, maximum	200 Vdc or rms, not exceed power rating	Resolution	Essentially infinite
Power rating	0.125 W @ 70 °C, derating to 0 @ 125 °C	Contact resistance variation	3 % or 3 Ohms, whichever is greater
End resistance, maximum	1 % or 3 Ohms, whichever is greater	Temperature coefficient of resistance	± 100 ppm / °C (less than 100 Ohms: ± 150 ppm / °C)
Actual electrical travel	220°		
<b>Mechanical</b>			
Mechanical stop	solid	Torque, max.	0.62 in. oz.
Static top strength	1.3 in. oz.	Weight, nominal	0.002 oz.
Wiper position	Approx. 50 %		
<b>Environmental</b>			
Seal	85 °C Fluorinert®	Vibration, 20 G's to 2000 Hz	1 % ΔR, 1 % ΔV Ratio max.
Operating temperature range	- 55 °C to + 125 °C	High temperature exposure, 250 Hours @ 125 °C	2 % ΔR, 2 % ΔV Ratio max
Thermal shock, 5 cycles, - 55 °C to + 125 °C	2 % ΔR, 1 % ΔV Ratio max.	Rational life, 100 cycles	3 % ΔR
Moisture resistance, ten 24 hour cycle	3 % ΔR	Load life, 0.125 W, 100 hours, 70 °C	3 % ΔR, 2 % ΔV Ratio max
Shock, 6 ms Sawtooth 100 G's	1 % ΔR, 1 % ΔV Ratio max.	Resistance to solder heat	260 °C for 5 sec.

**Data sheet**

**Cermet Presets**

**Model 35**

**Ordering information**

**22 A R10K LF TR**

Model Series

Pin Style

Packaging (Tape & Reel) - optional

RoHS Compliant Product Code - optional

Resistance Value

**Packaging – tape & reel**

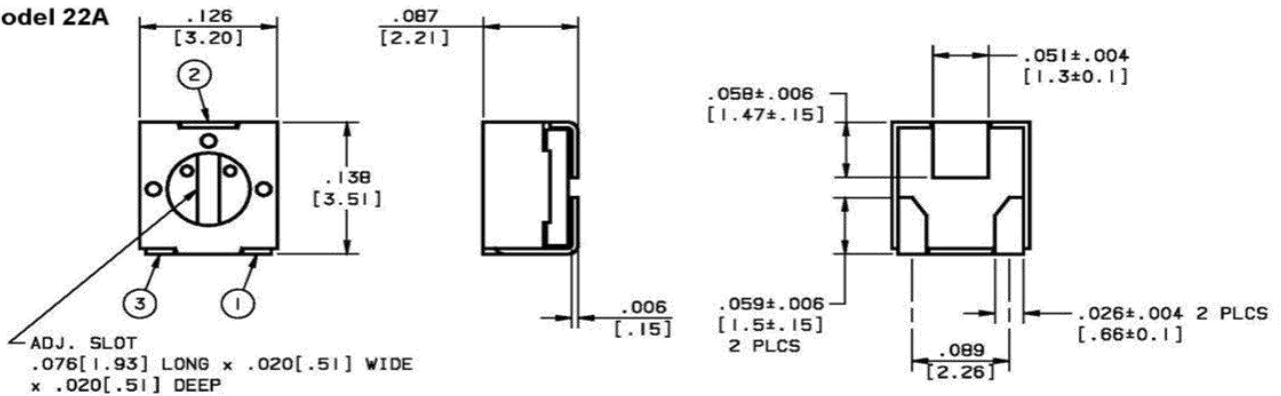
	Model 22A	Model 22S
Tape width	12 mm	16 mm
Sprocket pitch	4 mm	4 mm
Reel diameter	7 inches	7 inches
Quality per reel	1000 units	200 units

**Standard resistance values and marking**

10	100	1 K	100 K	1 Meg
20	200	2 K	200 K	2 Meg
50	500	5 K	500 K	

**Outline Drawing**

**Model 22A**



**Model 22S**

