

# Resistors & Potentiometers

## BOURNS\_3362 Single-Turn Cermet Trimmer Potentiometers

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)

Environmental Characteristics		Physical Characteristics	
Power Rating (300 volts max.)	85 °C 125 °C	0.5 watt 0 watt	
Temperature Range		-55 °C to +125 °C	
Temperature Coefficient		±100 ppm/°C	
Seal Test		85 °C Fluorinert <sup>1</sup>	
Humidity		MIL-STD-202 Method 103.96 hours (2 % ΔTR; 10 Megohms min.)	
Vibration		30 G (1 % ΔTR; 1 % ΔVR)	
Shock		100 G (1 % ΔTR; 1 % ΔVR)	
Load Life		1,000 hours 0.5 watt @ 70 °C (3 % ΔTR; 1 % or 1 ohm, whichever is greater, CRV)	
Rotational Life		200 cycles (4 % ΔTR; 1 % or 1 ohm, whichever is greater, CRV)	
		Mechanical Angle	310 ° nom.
		Torque	5.0 oz-in. Max.
		Stop Strength	15.0 oz-in. Min.
		Terminals	Solderable pins
		Weight	0.03 oz.
		Marking	Manufacturer's trademark, resistance code, wiring diagram, date code, manufacturer's model number and style
		Flammability	U.L. 94V-0
		Standard Packaging	50 pcs. per tube
		Wiper	50 % (Actual TR) ±10 %
		Adjustment Tool	H-90

Part No.	Product No.	Manufacturer	Description	Resistance data(Ω)	Tolerance(±)	Power Rating (W)	Type
15023	3386P-1-101	Bourns	BOURNS_3386 Single-Turn Cermet Trimmer Potentiometer	100 ohm	+/-10%	1/2W	3386P-1-RC
15026	3386P-1-102LF	Bourns	BOURNS_3386 Single-Turn Cermet Trimmer Potentiometer	1K ohm	+/-10%	1/2W	3386P-1-RC
15029	3386P-1-103	Bourns	BOURNS_3386 Single-Turn Cermet Trimmer Potentiometer	10K ohm	+/-10%	1/2W	3386P-1-RC
15032	3386P-1-104LF	Bourns	BOURNS_3386 Single-Turn Cermet Trimmer Potentiometer	100K ohm	+/-10%	1/2W	3386P-1-RC
15035	3386P-1-105	Bourns	BOURNS_3386 Single-Turn Cermet Trimmer Potentiometer	1M ohm	+/-10%	1/2W	3386P-1-RC
15024	3386P-1-201	Bourns	BOURNS_3386 Single-Turn Cermet Trimmer Potentiometer	200 ohm	+/-10%	1/2W	3386P-1-RC
15027	3386P-1-202	Bourns	BOURNS_3386 Single-Turn Cermet Trimmer Potentiometer	2K ohm	+/-10%	1/2W	3386P-1-RC
15030	3386P-1-203LF	Bourns	BOURNS_3386 Single-Turn Cermet Trimmer Potentiometer	20K ohm	+/-10%	1/2W	3386P-1-RC
15033	3386P-1-204	Bourns	BOURNS_3386 Single-Turn Cermet Trimmer Potentiometer	200K ohm	+/-10%	1/2W	3386P-1-RC
15025	3386P-1-501	Bourns	BOURNS_3386 Single-Turn Cermet Trimmer Potentiometer	500 ohm	+/-10%	1/2W	3386P-1-RC
15028	3386P-1-502	Bourns	BOURNS_3386 Single-Turn Cermet Trimmer Potentiometer	5K ohm	+/-10%	1/2W	3386P-1-RC
15031	3386P-1-503	Bourns	BOURNS_3386 Single-Turn Cermet Trimmer Potentiometer	50K ohm	+/-10%	1/2W	3386P-1-RC
15034	3386P-1-504	Bourns	BOURNS_3386 Single-Turn Cermet Trimmer Potentiometer	500K ohm	+/-10%	1/2W	3386P-1-RC

## Piher\_Single-Turn Potentiometer

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### FEATURES

- Carbon resistive element
- Polyester substrate
- Over-moulding manufacturing technique
- SMD or through hole
- Embossed tape (for SMD), tape on reel, ammpack and magazine packaging for automatic insertion and bulk for manual assembly

- Wiper positioned at 50%
- Both sides cross slot easy adjustment
- Accidental rotor movement protected
- Traceability insured through data code marking
- Assembly method: stand up  
· Lay down

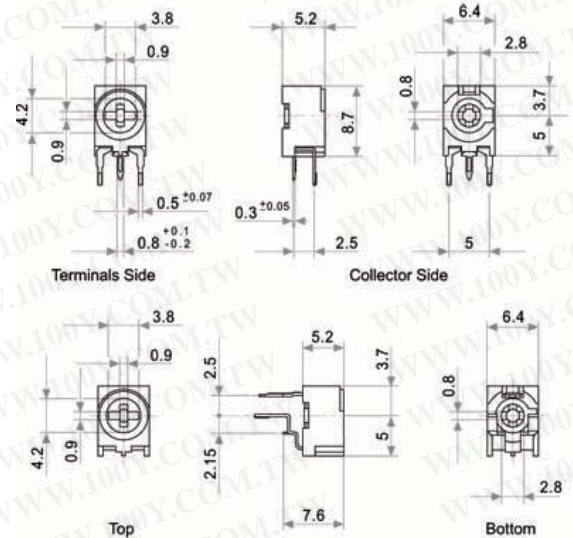


MECHANICAL SPECIFICATIONS	
Mechanical rotation angle:	280° ±10°
Electrical rotation angle:	245° ±25°
Torque:	0.2 to 3 Ncm. (0.28 to 4.2 in-oz)
Stop torque:	>7.5Ncm. (10.5 in-oz)

ELECTRICAL SPECIFICATIONS	
Range of values	100Ω ≤ Rn ≤ 1MΩ (1.0-2.0-2.2-2.5-4.7-5.0)
Tolerance	100Ω ≤ Rn ≤ 1MΩ ±30%
Max. Voltage	100VDC
Nominal power 50°C (122°F) (See power rating curve)	0.1W
Taper	Linear
End resistance	≤2% Rn (10Ω min.)
Equivalent noise resistance	≤5%
Operating temperature**	-25°C + 70°C (-13°F + 158°F)

### Type S

### MOUNTING METHOD



### Type L

Part No.	Product No.	Manufacturer	Description	Power rating (W)	Resistance data(Ω)	Tolerance(±)	Shaft Dia. (mm)
41600	N6L25T0C-103	PIHER	Piher Carbon Potentiometer	0.1w	10kΩ	±30%	2.5mm*5
41601	N6L25T0N-104	PIHER	Piher Carbon Potentiometer	0.1W	100kΩ	±30%	2.5mm*5



T E L : Taiwan: 886-3-5753170  
F A X : Taiwan: 886-3-5753172  
E-mail : Taiwan: [us\\_sale@100y.com.tw](mailto:us_sale@100y.com.tw)

Shenzhen: 86-755-83298787  
Shenzhen: 86-755-83640655  
Shenzhen: 100y@163.com

Shanghai: 86-21-54151736  
Shanghai: 86-21-64605107  
Shanghai: 100y-1@163.com