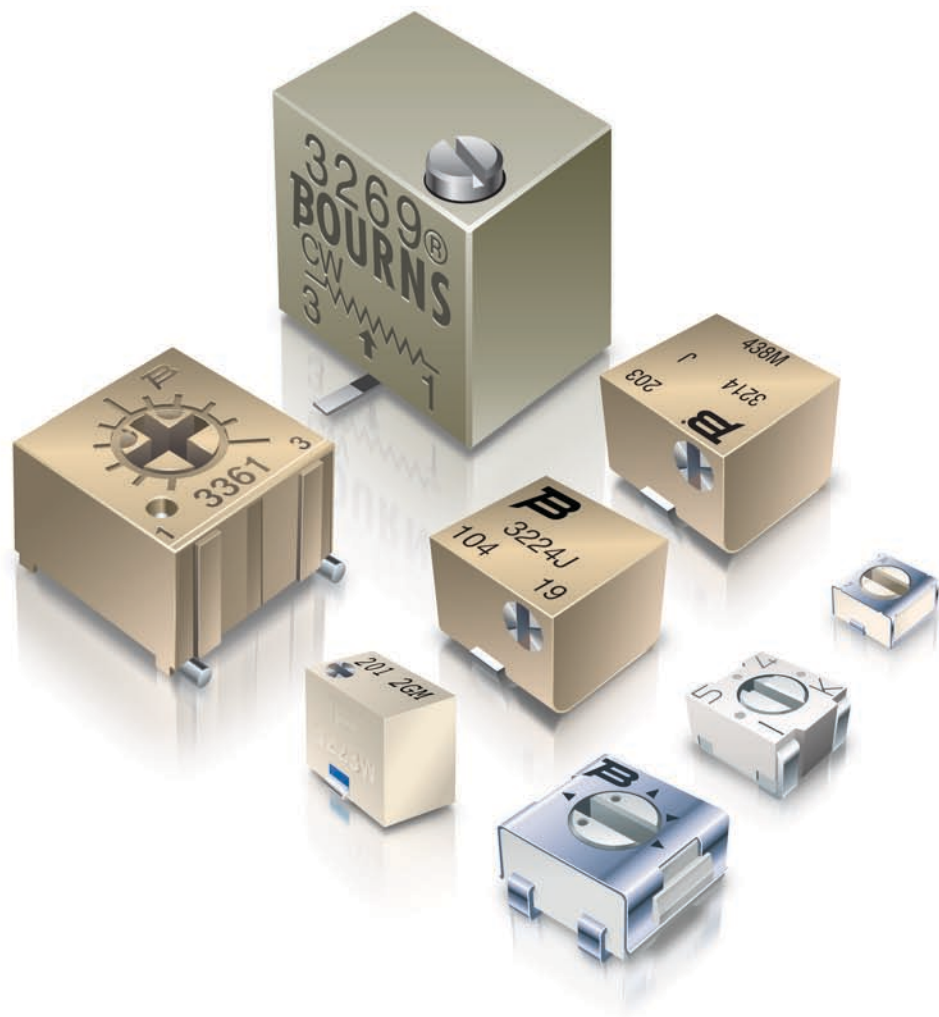


Bourns® Trimpot®

Sealed SMD Cermet Trimming Potentiometers

Short Form Brochure



BOURNS®

Bourns® Trimpot® product line offers the largest array of surface mount, sealed trimming potentiometers in the industry. The Trimpot® Product Line takes full advantage of Bourns' core competencies in ceramics, thick-film printing, welding and brazing, resulting in reliable electronic components. Assembled in factories utilizing lean principles and state-of-the-art assembly equipment, our surface mount trimming potentiometers provide our customers with exceptional value.

Bourns is the only supplier in the electronics industry to offer mil-drawing qualified surface mount sealed trimmers. These special models with limited military testing are readily available through any of our authorized distribution partners. These models can be ordered by using the military drawing numbers, 88039 (3314J), 88040 (3269), 90027 (3314G) and 92021 (3224).

Trimpot® products are available in RoHS compliant versions and are manufactured in facilities that are ISO 9001 certified.

The Bourns® Trimpot® Product Line offers various special options to suit your particular application. Available options include extended shafts, customer wiper settings, and tighter total resistance tolerances.

Bourns® Trimpot® products are aligned with world-renowned and regional distributors. Log on to our website, www.bourns.com for the most current Bourns authorized distributor listing to ensure a continual supply of genuine Bourns® products.



Model Number	Number of Turns		Size				Packaging Options	Adjustment
	Single	Multi	2 mm	3 mm	4 mm	6 mm	See Note 1	See Note 2
3214		x			x		R	T,S
3223		x		x			R	T,S
3224		x			x		R	T,S
3269		x				x	T,R	T,S
3312	x		x				R	T
3313	x			x			R	T,S
3314	x				x		T,R	T,S
3361	x					x	R	T,S

Note 1: T = Tubes, B =Bulk, R = Tape and Reel

Note 2: T = Top Adjust, S = Side Adjust



3214

Rotational Life	200 cycles
Number of Turns	5
Power Rating	0.25 watts
Resistance Range	10 ohm to 2 megohm
Tolerance	±10 %
Temp. Coefficient	±100 ppm/°C
Temp. Range	-65 °C to +150 °C

Features

- 4 mm square
- Available in top and side adjust options
- Sealed to IP65
- RoHS compliant*
- Wave solderable version available



3223

Rotational Life	200 cycles
Number of Turns	11
Power Rating	0.125 watts
Resistance Range	10 ohm to 2 megohm
Tolerance	±20 %
Temp. Coefficient	±100 ppm/°C
Temp. Range	-65°C to +125 °C

Features

- 3 mm square
- Available in top and side adjust options
- Sealed to IP65
- RoHS compliant*



3224

Rotational Life	200 cycles
Number of Turns	11
Power Rating	0.25 watts
Resistance Range	10 ohm to 2 megohm
Tolerance	±10 %
Temp. Coefficient	±100 ppm/°C
Temp. Range	-65 °C to +150 °C

Features

- 4 mm square
- Available in top and side adjust options
- Sealed to IP65
- RoHS compliant*
- Wave solderable version available

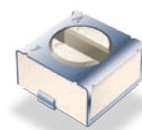


3269

Rotational Life	200 cycles
Number of Turns	12
Power Rating	0.25 watts
Resistance Range	10 ohm to 1 megohm
Tolerance	±10 %
Temp. Coefficient	±100 ppm/°C
Temp. Range	-65 °C to +150 °C

Features

- 6 mm square
- Available in top and side adjust options
- Sealed to IP65
- RoHS compliant available*



3312

Rotational Life	25 cycles
Number of Turns	1
Power Rating	0.1 watts
Resistance Range	10 ohm to 1 megohm
Tolerance	±20 %
Temp. Coefficient	±100 ppm/°C
Temp. Range	-55 °C to +125 °C

Features

- 2 mm square
- Sealed to IP65
- RoHS compliant*
- Available in low ohmic resistance values



3313

Rotational Life	100 cycles
Number of Turns	1
Power Rating	0.125 watts
Resistance Range	10 ohm to 2 megohm
Tolerance	±20 %
Temp. Coefficient	±100 ppm/°C
Temp. Range	-55 °C to +125 °C

Features

- 3 mm square
- Available in top and side adjust options
- Sealed to IP65
- RoHS compliant*
- Plastic housing for RF applications

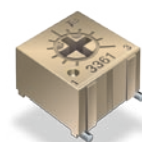


3314

Rotational Life	100 cycles
Number of Turns	1
Power Rating	0.25 watts
Resistance Range	10 ohm to 1 megohm
Tolerance	±20 %
Temp. Coefficient	±100 ppm/°C
Temp. Range	-55 °C to +125 °C

Features

- 4 mm square
- Available in top and side adjust options
- Sealed to IP65
- RoHS compliant*



3361

Rotational Life	200 cycles
Number of Turns	1
Power Rating	0.5 watts
Resistance Range	10 ohm to 2 megohm
Tolerance	±10 %
Temp. Coefficient	±100 ppm/°C
Temp. Range	-55 °C to +125 °C

Features

- 6 mm square
- Available in top and side adjust options
- Sealed to IP65
- RoHS compliant versions available*

Applications by market:

Telecom & Communications

Power Supplies
Base Stations
Satellite Systems
Portable/Hand-Held Radios
GPS Navigation
Set-Top Boxes

Industrial

Sensors
Relays
Laser Diode Drivers
CCTV Cameras
Automated Gates/Doors
Fire Alarms
Metal Detectors
Fluid Measurements
Smoke Detectors
Industrial/Graphic Printers
RF ID Systems
Proximity Sensors
Bar Code Scanners

Instrumentation

Oscilloscopes
Network Analyzers
Calibration Equipment
Radiation and X-ray Testers
Laser Scanners
Timers
Counters
Power Supplies

Aerospace & Military

Military Radios
Control Systems
Radar Systems
Analytical Equipment
Transmission Equipment
Avionics
Laser Altimeters

Professional Audio

Mixing Consoles
Sound Processors
Electric Guitars
Instrument Amplifiers
Keyboards
Sound Recording Equipment
Video Editing Stations

Medical*

Scanners
Medical Meters
Communication Equipment
Temperature and Respiratory Monitors
Power Supplies
Blood Chemical Analyzers
Medical Diagnostic Equipment

*RoHS directive 2002/95/EC Jan. 27, 2003 including Annex.

*Excluding Critical Life Support

Worldwide Sales Offices

Country	Phone	Fax
Benelux:	+41 (0)41 768 5555	+41 (0)41 768 5510
Brazil:	+55 11 5505 0601	+55 11 5505 4370
China:	+86 21 64821250	+86 21 64821249
France:	+33 (0)2 5473 5151	+33 (0)2 5473 5156
Ireland/UK:	+41 (0)41 768 5555	+41 (0)41 768 5510
Italy:	+41 (0)41 768 5555	+41 (0)41 768 5510
Japan:	+81 49 269 3204	+81 49 269 3297
Malaysia (KL Office):	+60 3 71183138	+60 3 71183139
Malaysia (Penang Office):	+60 4 6581771	+60 4 6582771
Singapore:	+65 6348 7227	+65 6348 1272
Switzerland:	+41 (0)41 768 5555	+41 (0)41 768 5510
Taiwan:	+886 2 25624117	+886 2 25624116
UK/Ireland:	+41 (0)41 768 5555	+44 (0)41 768 5510
USA:	+1-951-781-5500	+1-951-781-5006

Non-Listed European

Countries:	+41 (0)41 768 5555	+41 (0)41 768 5510
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Technical Assistance

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Europe:	+41 (0)41 768 5555	+41 (0)41 768 5510
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www.bourns.com

Bourns® products are available through an extensive network of manufacturer's representatives, agents and distributors.

To obtain technical applications assistance, a quotation, or to place an order, contact a Bourns representative in your area.

Specifications subject to change without notice. Actual performance in specific customer applications may differ due to the influence of other variables. Customers should verify actual device performance in their specific applications.



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