

# BOURNS Single-Turn Trimmer Potentiometers

## BOURNS 3313 SERIES 3MM SQUARE/CERMET/SEALED

### Features:

- Surface mount single-turn
- Compatible with surface mount manufacturing processes
- Rotor stop for "in-circuit" adjustment
- 100 cycle rotational and seal life
- Patent #5043695 assembly for seal integrity
- Plastic housing for RF applications

### Specifications:

- Resistance tolerance:  $\pm 20\%$  standard
- Power rating: (200 volts max.)  
70°C @ 0.125W  
125°C @ 0W
- Temperature coefficient:  
 $\leq 100\Omega \pm 150\text{ppm}/^\circ\text{C}$   
 $\geq 100\Omega \pm 100\text{ppm}/^\circ\text{C}$
- Rotational life: 100 cycles TRS  $\pm 3\%$
- Operating temp. range:  $-55^\circ\text{C}$  to  $+125^\circ\text{C}$



RoHS Compliant

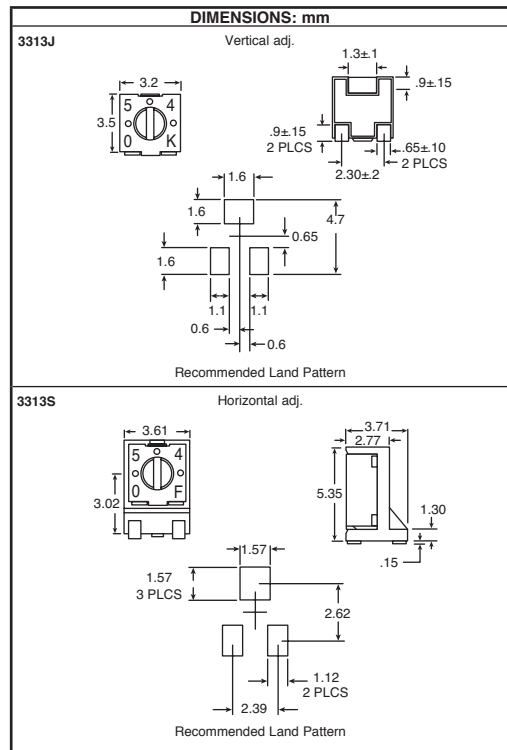
For quantities greater than listed, call for quote.

### Vertical Adjust

MOUSER STOCK NO.	Bourns Part No.	Value	Figure	Price Each							
				1	25	50	100	250	500	1000	2000
652-3313J-1-101E	3313J-1-101E	100	3313J	1.80	1.50	1.43	1.38	1.20	1.13	.90	.89
652-3313J-1-201E	3313J-1-201E	200	3313J	1.80	1.50	1.43	1.38	1.20	1.13	.90	.89
652-3313J-1-501E	3313J-1-501E	500	3313J	1.80	1.50	1.43	1.38	1.20	1.13	.90	.89
652-3313J-1-102E	3313J-1-102E	1K	3313J	1.80	1.50	1.43	1.38	1.20	1.13	.90	.89
652-3313J-1-202E	3313J-1-202E	2K	3313J	1.80	1.50	1.43	1.38	1.20	1.13	.90	.89
652-3313J-1-502E	3313J-1-502E	5K	3313J	1.80	1.50	1.43	1.38	1.20	1.13	.90	.89
652-3313J-1-103E	3313J-1-103E	10K	3313J	1.80	1.50	1.43	1.38	1.20	1.13	.90	.89
652-3313J-1-203E	3313J-1-203E	20K	3313J	1.80	1.50	1.43	1.38	1.20	1.13	.90	.89
652-3313J-1-503E	3313J-1-503E	50K	3313J	1.80	1.50	1.43	1.38	1.20	1.13	.90	.89
652-3313J-1-104E	3313J-1-104E	100K	3313J	1.80	1.50	1.43	1.38	1.20	1.13	.90	.89

### Horizontal Adjust

MOUSER STOCK NO.	Bourns Part No.	Value	Figure	Price Each							
				1	50	100	200	400	600	800	1200
652-3313S-1-101E	3313S-1-101E	100	3313S	1.98	1.65	1.51	1.22	1.12	1.02	.97	.92
652-3313S-1-201E	3313S-1-201E	200	3313S	1.98	1.65	1.51	1.18	1.12	1.02	.97	.92
652-3313S-1-501E	3313S-1-501E	500	3313S	1.98	1.65	1.51	1.22	1.07	1.02	.97	.92
652-3313S-1-102E	3313S-1-102E	1K	3313S	1.98	1.65	1.51	1.22	1.12	1.02	.97	.92
652-3313S-1-202E	3313S-1-202E	2K	3313S	1.98	1.65	1.51	1.22	1.07	1.02	.97	.92
652-3313S-1-502E	3313S-1-502E	5K	3313S	1.98	1.65	1.51	1.22	1.02	1.02	.97	.92
652-3313S-1-103E	3313S-1-103E	10K	3313S	1.98	1.65	1.51	1.22	1.12	1.02	.97	.92
652-3313S-1-203E	3313S-1-203E	20K	3313S	1.98	1.65	1.51	1.22	1.12	1.02	.97	.92
652-3313S-1-503E	3313S-1-503E	50K	3313S	1.98	1.65	1.51	1.22	1.07	1.02	.97	.92
652-3313S-1-104E	3313S-1-104E	100K	3313S	1.98	1.65	1.51	1.22	1.12	1.02	.97	.92



## BOURNS 3314 SERIES 4MM SQUARE/SMD/CERMET/SEALED

### Features:

- Single turn / industrial
- Compatible with surface mount manufacturing processes
- Compatible with popular vacuum pick-and-place equipment

### Specifications:

- Resistance tolerance:  $\pm 20\%$  standard
- Temperature range:  $-55^\circ\text{C}$  to  $+125^\circ\text{C}$
- Temp. coefficient:  $\pm 100\text{ppm}/^\circ\text{C}$
- Mechanical angle:  $240^\circ$  nominal
- Torque: 180g-cm typical
- Stop strength: 300g-cm typical
- Marking: Manufacturer's code, resistance code, and date code
- Wiper: Positioned at 50% nominal



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bourns Part No.	Value	Figure	Price Each					
				1	100	200	500	1000	2000
652-3314J-1-101E	3314J-1-101E	100	3314J	1.50	1.24	1.11	.97	.90	.81
652-3314J-1-201E	3314J-1-201E	200	3314J	1.50	1.24	1.11	.97	.90	.81
652-3314J-1-501E	3314J-1-501E	500	3314J	1.50	1.24	1.11	.97	.90	.81
652-3314J-1-102E	3314J-1-102E	1K	3314J	1.50	1.24	1.11	.97	.90	.81
652-3314J-1-202E	3314J-1-202E	2K	3314J	1.50	1.24	1.11	.97	.90	.81
652-3314J-1-502E	3314J-1-502E	5K	3314J	1.50	1.27	1.11	.97	.90	.81
652-3314J-1-103E	3314J-1-103E	10K	3314J	1.50	1.24	1.11	.97	.90	.81
652-3314J-1-203E	3314J-1-203E	20K	3314J	1.50	1.24	1.11	.97	.90	.81
652-3314J-1-503E	3314J-1-503E	50K	3314J	1.50	1.24	1.11	.97	.90	.81
652-3314J-1-104E	3314J-1-104E	100K	3314J	1.50	1.24	1.11	.97	.90	.81
652-3314G-1-101E	3314G-1-101E	100	3314G	1.95	1.56	1.32	.98	.90	.85
652-3314G-1-201E	3314G-1-201E	200	3314G	1.95	1.56	1.32	.98	.90	.85
652-3314G-1-501E	3314G-1-501E	500	3314G	1.95	1.56	1.33	.98	.90	.85
652-3314G-1-102E	3314G-1-102E	1K	3314G	1.95	1.56	1.32	.98	.90	.85
652-3314G-1-202E	3314G-1-202E	2K	3314G	1.95	1.56	1.32	.98	.90	.85
652-3314G-1-502E	3314G-1-502E	5K	3314G	1.95	1.56	1.33	.98	.90	.85
652-3314G-1-103E	3314G-1-103E	10K	3314G	1.95	1.56	1.32	.98	.90	.85
652-3314G-1-203E	3314G-1-203E	20K	3314G	1.95	1.56	1.32	.98	.90	.85
652-3314G-1-503E	3314G-1-503E	50K	3314G	1.95	1.56	1.33	.98	.90	.85
652-3314G-1-104E	3314G-1-104E	100K	3314G	1.95	1.56	1.32	.98	.90	.85
652-3314Z-1-101E	3314Z-1-101E	100	3314Z	2.15	1.71	1.22	1.08	.99	.95
652-3314Z-1-201E	3314Z-1-201E	200	3314Z	2.15	1.71	1.22	1.08	.99	.95
652-3314Z-1-501E	3314Z-1-501E	500	3314Z	2.15	1.71	1.22	1.08	.99	.95
652-3314Z-1-102E	3314Z-1-102E	1K	3314Z	2.15	1.71	1.22	1.08	.99	.95
652-3314Z-1-202E	3314Z-1-202E	2K	3314Z	2.15	1.71	1.22	1.08	.99	.95
652-3314Z-1-502E	3314Z-1-502E	5K	3314Z	2.15	1.71	1.22	1.08	.99	.95
652-3314Z-1-103E	3314Z-1-103E	10K	3314Z	2.15	1.71	1.22	1.08	.99	.95
652-3314Z-1-203E	3314Z-1-203E	20K	3314Z	2.15	1.71	1.22	1.08	.99	.95
652-3314Z-1-104E	3314Z-1-104E	100K	3314Z	2.15	1.71	1.22	1.08	.99	.95
652-3314S-1-101E	3314S-1-101E	100	3314S	2.15	1.71	1.22	1.08	.99	.91
652-3314S-1-201E	3314S-1-201E	200	3314S	2.15	1.71	1.22	1.08	.99	.91
652-3314S-1-501E	3314S-1-501E	500	3314S	2.15	1.71	1.22	1.08	1.00	.92
652-3314S-1-102E	3314S-1-102E	1K	3314S	2.15	1.71	1.22	1.08	.99	.91
652-3314S-1-202E	3314S-1-202E	2K	3314S	2.15	1.71	1.22	1.08	1.00	.92
652-3314S-1-502E	3314S-1-502E	5K	3314S	2.15	1.71	1.22	1.08	.99	.91
652-3314S-1-103E	3314S-1-103E	10K	3314S	2.15	1.71	1.22	1.08	1.00	.92
652-3314S-1-203E	3314S-1-203E	20K	3314S	2.15	1.71	1.22	1.08	.99	.91
652-3314S-1-503E	3314S-1-503E	50K	3314S	2.15	1.71	1.22	1.08	.99	.91
652-3314S-1-104E	3314S-1-104E	100K	3314S	2.15	1.71	1.22	1.08	.99	.91

