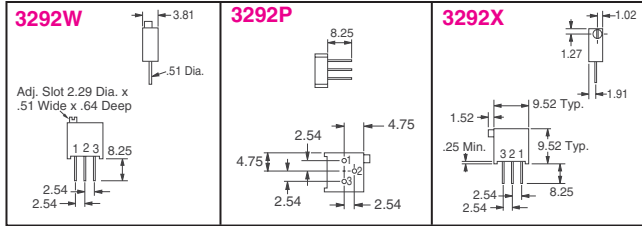




Trimmer Potentiometers

SERIES 3292 — 3/8" (9.52mm) Square/Multiturn (25) Cermet/Industrial/Sealed



Adj. Slot 2.29 Dia. x .51 Wide x .64 Deep

Wiper
Clockwise

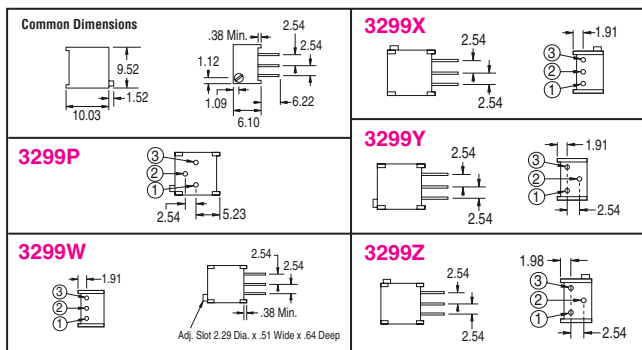
Characteristics: • Resistance Tolerance: $\pm 10\%$ standard • Insulation Resistance: 500VDC 1,000M Ω minimum • Effective Travel: 25 turns nominal • Power Rating (400 volts maximum): 85°C — 0.5 watt; 150°C — 0 watt. • Temperature Range: -65°C - 150°C. • Temperature Coefficient: ± 100 ppm/°C. • Load Life: 1,000 hours 0.5 watt @ 85°C (2% Δ TR; CRV, 3% or 3 Ω , whichever is greater). • Rotational Life: 200 cycles (2% Δ TR; CRV, 3% or 3 Ω , whichever is greater). • Torque: 5.0 oz-inch maximum • Mechanical Stops: Wiper idles.

Res. (Ω)	Digi-Key Part No.	Digi-Key Part No.	Digi-Key Part No.
100	—	3292W-101-ND†	3292X-101-ND
200	—	3292W-201-ND†	3292X-201LF-ND◆
500	—	3292W-501-ND†	3292X-501LF-ND◆
1K	3292P-102-ND	3292W-102LF-ND◆	3292X-102LF-ND◆
2K	—	3292W-202-ND†	3292X-202LF-ND◆
5K	—	3292W-502LF-ND◆	3292X-502LF-ND◆
10K	3292P-103-ND†	3292W-103LF-ND◆	3292X-103-ND†
20K	3292P-203-ND	3292W-203-ND†	3292X-203-ND†
50K	—	3292W-503LF-ND◆	3292X-503LF-ND◆
100K	—	3292W-104LF-ND◆	—
200K	3292P-204LF-ND◆	3292W-204LF-ND◆	—
500K	—	3292W-504LF-ND◆	—
1M	—	3292W-105-ND†	3292X-105-ND

Series	Pricing	
	1	50
3292P/3292W/3292X	15.51	606.30

◆ RoHS Compliant † For RoHS Compliant Part Number change -ND to LF-ND.

SERIES 3299 — 3/8" (9.52mm) Square/Multiturn (25) Cermet/Industrial/Sealed



Adj. Slot 2.29 Dia. x .51 Wide x .64 Deep

Wiper
Clockwise

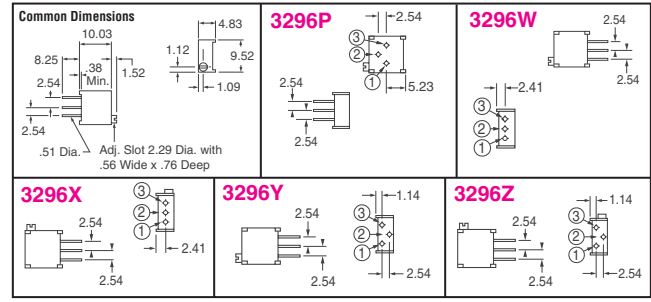
Characteristics: • Resistance Tolerance: $\pm 10\%$ standard • Insulation Resistance: 500vdc, 1,000M Ω minimum • Effective Travel: 25 turns nominal • Power Rating (300 volts maximum): 70°C — 0.5 watt; 125°C — 0 watt. • Temperature Range: -55°C - 125°C. • Temperature Coefficient: ± 100 ppm/°C. • Load Life: 1,000 hours 0.5 watt @ 70°C (3% Δ TR; CRV, 3% or 3 Ω , whichever is greater). • Rotational Life: 200 cycles (4% Δ TR; CRV, 3% or 3 Ω , whichever is greater). • Torque: 3.0 oz-inch maximum • Mechanical Stops: Wiper idles.

Res. (Ω)	Digi-Key Part No.	Digi-Key Part No.	Digi-Key Part No.	Digi-Key Part No.	Digi-Key Part No.
10	3299P-100LF-ND◆	3299W-100LF-ND◆	3299X-100LF-ND◆	3299Y-100LF-ND◆	3299Z-100-ND†
20	3299P-200-ND†	3299W-200LF-ND◆	3299X-200LF-ND◆	3299Y-200LF-ND◆	—
50	3299P-500-ND	3299W-500LF-ND◆	3299X-500-ND	3299Y-500-ND†	—
100	3299P-101LF-ND◆	3299W-101LF-ND◆	3299X-101LF-ND◆	3299Y-101LF-ND◆	3299Z-101-ND†
200	3299P-201-ND†	3299W-201LF-ND◆	3299X-201LF-ND◆	3299Y-201LF-ND◆	—
500	3299P-501LF-ND◆	3299W-501LF-ND◆	3299X-501LF-ND◆	3299Y-501LF-ND◆	3299Z-501LF-ND◆
1K	3299P-102LF-ND◆	3299W-102LF-ND◆	3299X-102LF-ND◆	3299Y-102LF-ND◆	3299Z-102LF-ND◆
2K	3299P-202LF-ND◆	3299W-202LF-ND◆	3299X-202-ND†	3299Y-202LF-ND◆	3299Z-202LF-ND◆
5K	3299P-502-ND†	3299W-502LF-ND◆	3299X-502LF-ND◆	3299Y-502LF-ND◆	3299Z-502LF-ND◆
10K	3299P-103LF-ND◆	3299W-103LF-ND◆	3299X-103LF-ND◆	3299Y-103LF-ND◆	3299Z-103LF-ND◆
20K	3299P-203LF-ND◆	3299W-203LF-ND◆	3299X-203LF-ND◆	3299Y-203LF-ND◆	3299Z-203LF-ND◆
25K	3299P-253-ND†	3299W-253LF-ND◆	—	3299Y-253LF-ND◆	—
50K	3299P-503-ND†	3299W-503LF-ND◆	3299X-503LF-ND◆	3299Y-503-ND†	3299Z-503-ND†
100K	3299P-104LF-ND◆	3299W-104LF-ND◆	3299X-104LF-ND◆	3299Y-104LF-ND◆	3299Z-104LF-ND◆
200K	3299P-204LF-ND◆	3299W-204LF-ND◆	3299X-204-ND†	3299Y-204LF-ND◆	3299Z-204LF-ND◆
250K	—	3299W-254LF-ND◆	3299X-254-ND†	3299Y-254LF-ND◆	—
500K	3299P-504-ND†	3299W-504LF-ND◆	3299X-504-ND†	3299Y-504LF-ND◆	—
1M	3299P-105LF-ND◆	3299W-105LF-ND◆	3299X-105LF-ND◆	3299Y-105LF-ND◆	3299Z-105LF-ND◆
2M	—	3299W-205LF-ND◆	—	3299Y-205LF-ND◆	—
5M	—	3299W-505LF-ND◆	3299X-505LF-ND◆	—	—

Series	Pricing	
	1	50
3299P/3299Z	3.14	122.55
3299W/3299X/3299Y	2.92	113.95

◆ RoHS Compliant † For RoHS Compliant Part Number change -ND to LF-ND.

SERIES 3296 — 3/8" (9.52mm) Square/Multiturn (25) Cermet/Industrial/Sealed



Wiper
Clockwise

Characteristics: • Resistance Tolerance: $\pm 10\%$ standard • Insulation Resistance: 500VDC 1,000M Ω minimum • Effective Travel: 25 turns nominal • Power Rating (300 volts maximum): 70°C — 0.5 watt; 125°C — 0 watt. • Temperature Range: -55°C - 125°C. • Temperature Coefficient: ± 100 ppm/°C. • Load Life: 1,000 hours 0.5 watt @ 70°C (3% Δ TR; CRV, 3% or 3 Ω , whichever is greater). • Rotational Life: 200 cycles (4% Δ TR; CRV, 3% or 3 Ω , whichever is greater). • Torque: 3.0 oz-inch maximum • Mechanical Stops: Wiper idles.

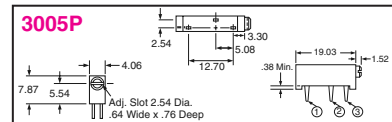
Res. (Ω)	Digi-Key Part No.	Digi-Key Part No.	Digi-Key Part No.	Digi-Key Part No.	Digi-Key Part No.
10	3296P-100LF-ND◆	3296W-100LF-ND◆	3296X-100LF-ND◆	3296Y-100LF-ND◆	—
20	3296P-200-ND†	3296W-200LF-ND◆	3296X-200LF-ND◆	3296Y-200LF-ND◆	3296Z-200-ND†
50	3296P-500LF-ND◆	3296W-500LF-ND◆	3296X-500LF-ND◆	3296Y-500LF-ND◆	3296Z-500-ND†
100	3296P-101-ND†	3296W-101LF-ND◆	3296X-101LF-ND◆	3296Y-101-ND†	3296Z-101LF-ND◆
200	3296P-201-ND†	3296W-201LF-ND◆	3296X-201LF-ND◆	3296Y-201LF-ND◆	3296Z-201LF-ND◆
500	3296P-501LF-ND◆	3296W-501LF-ND◆	3296X-501LF-ND◆	3296Y-501LF-ND◆	3296Z-501-ND†
1K	3296P-102LF-ND◆	3296W-102LF-ND◆	3296X-102LF-ND◆	3296Y-102LF-ND◆	3296Z-102LF-ND◆
2K	3296P-202LF-ND◆	3296W-202LF-ND◆	3296X-202LF-ND◆	3296Y-202LF-ND◆	3296Z-202LF-ND◆
5K	3296P-502LF-ND◆	3296W-502LF-ND◆	3296X-502LF-ND◆	3296Y-502LF-ND◆	3296Z-502LF-ND◆
10K	3296P-103LF-ND◆	3296W-103LF-ND◆	3296X-103LF-ND◆	3296Y-103LF-ND◆	3296Z-103-ND†
20K	3296P-203LF-ND◆	3296W-203LF-ND◆	3296X-203LF-ND◆	3296Y-203LF-ND◆	3296Z-203LF-ND◆
25K	—	3296W-253LF-ND◆	3296X-253LF-ND◆	3296Y-253LF-ND◆	3296Z-253-ND†
50K	3296P-503LF-ND◆	3296W-503LF-ND◆	3296X-503LF-ND◆	3296Y-503LF-ND◆	3296Z-503LF-ND◆
100K	3296P-104LF-ND◆	3296W-104LF-ND◆	3296X-104LF-ND◆	3296Y-104LF-ND◆	3296Z-104-ND†
200K	3296P-204LF-ND◆	3296W-204LF-ND◆	3296X-204LF-ND◆	3296Y-204LF-ND◆	3296Z-204-ND†
250K	—	3296W-254LF-ND◆	3296X-254LF-ND◆	3296Y-254-ND†	3296Z-254-ND†
500K	3296P-504LF-ND◆	3296W-504LF-ND◆	3296X-504LF-ND◆	3296Y-504-ND†	3296Z-504-ND†
1M	3296P-105-ND†	3296W-105-ND†	3296X-105LF-ND◆	3296Y-105-ND†	3296Z-105LF-ND◆
2M	—	3296W-205LF-ND◆	3296X-205LF-ND◆	3296Y-205LF-ND◆	3296Z-205-ND†
5M	—	3296W-505LF-ND◆	3296X-505LF-ND◆	—	3296Z-505-ND†

Series	Pricing	
	1	50
3296P/3296Z	2.70	105.35
3296W/3296X/3296Y	2.50	97.83

◆ RoHS Compliant † For RoHS Compliant Part Number change -ND to LF-ND.

SERIES 3005 — 3/4" (19.05mm) Rectangular/Multiturn (20) Wirewound/Industrial/Sealed

Sealed to prevent contamination from fluxing, soldering and cleaning. **Characteristics:** • Resistance Tolerance: $\pm 10\%$ standard • Insulation Resistance: 500VDC 1,000M Ω minimum • Adjustment Travel: 20 turns nominal • Power Rating: 70°C — 1 watt; 125°C — 0 watt • Temperature Range: -65°C - 125°C • Temperature Coefficient: ± 50 ppm/°C • Load Life: 1,000 hours 1 watt @ 70°C (3% Δ TR) • Rotational Life: 200 cycles (4% Δ TR) • Torque: 5.0 oz-inch maximum • Mechanical Stops: Wiper idles



Wiper
CLOCKWISE

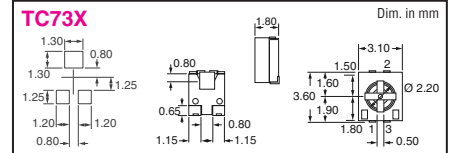
Res. (Ω)	Digi-Key Part No.	Nominal Resolution (Percent)
200	3005P-201-ND	0.7
500	3005P-501-ND	0.5
1K	3005P-102-ND◆	0.5
2K	3005P-202-ND	0.4
5K	3005P-502-ND◆	0.3
10K	3005P-103-ND◆	0.3
20K	3005P-203-ND◆	0.2

Series	Pricing	
	1	50
3005P	11.22	438.60

◆ RoHS Compliant

SERIES TC73 — Surface Mount 3mm Single-Turn Top Adjust Carbon

Characteristics: • Resistance Tolerance: $\pm 30\%$ • Adjustment Angle: 260° • Power Rating: 0.5W • Temperature Range: -25°C - 85°C • Temperature Coefficient: ± 250 ppm/°C • Rotational Life: 20 turns • Rotational Torque: 10-150g-cm maximum



Series	Part No.	Cut Tape Pricing			Part No.	Tape & Reel Pricing
		1	10	100	Add "TR-ND"	2,000
TC73X	Add "CT-ND"	.20	1.65	14.40		100.00/M

◆ RoHS Compliant

Wiper
CLOCKWISE

Res. (Ω)	Digi-Key Part No.
500	TC73X-501E□-ND◆
1K	TC73X-102E□-ND◆
2K	TC73X-202E□-ND◆
5K	TC73X-502E□-ND◆
10K	TC73X-103E□-ND◆
20K	TC73X-203E□-ND◆

Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

More Product Available Online: www.digikey.com