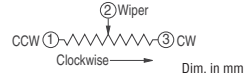




Trimmer Potentiometers

SERIES 3386 — 3/8" (9.52mm) Square/Single Turn Cermet/Industrial/Sealed



3386C, H, W, X – Side Adjust (common dimensions) 	3386F, P, R – Top Adjust (common dimensions) 	3386F, P with Knob – Top Adjust (common dimensions) 	3386X with Knob – Side Adjust (common dimensions) 			
3386C 	3386H 	3386W 	3386X 	3386F 	3386P 	3386R

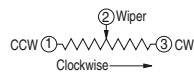
Res. (Ω)	3386C, H, W, X				3386F, P, R			3386F, P, X with Knob		
	Digi-Key Part No.	Digi-Key Part No.	Digi-Key Part No.	Digi-Key Part No.	Digi-Key Part No.	Digi-Key Part No.	Digi-Key Part No.	Digi-Key Part No.	Digi-Key Part No.	Digi-Key Part No.
50	3386C-500LF-ND	3386H-500LF-ND	3386W-500-ND†	3386X-500LF-ND	3386F-500LF-ND	3386P-500LF-ND	3386R-101LF-ND	—	—	—
100	3386C-101LF-ND	3386H-101LF-ND	3386W-101LF-ND	3386X-101LF-ND	3386F-101LF-ND	3386P-101LF-ND	—	—	—	—
200	3386C-201-ND†	3386H-201LF-ND	3386W-201LF-ND	3386X-201LF-ND	3386F-201LF-ND	3386P-201LF-ND	—	—	—	—
500	3386C-501LF-ND	3386H-501-ND†	3386W-501-ND†	3386X-501LF-ND	3386F-501LF-ND	3386P-501LF-ND	—	—	—	—
1K	3386C-102LF-ND	3386H-102LF-ND	3386W-102LF-ND	3386X-102-ND†	3386F-102LF-ND	3386P-102LF-ND	—	—	—	—
2K	3386C-202LF-ND	3386H-202LF-ND	3386W-202LF-ND	3386X-202LF-ND	3386F-202LF-ND	3386P-202LF-ND	3386R-202-ND†	—	—	—
5K	3386C-502LF-ND	3386H-502LF-ND	3386W-502LF-ND	3386X-502LF-ND	3386F-502LF-ND	3386P-502LF-ND	3386R-502LF-ND	3386P-502TLF-ND	3386P-502TLF-ND	3386X-103TLF-ND
10K	3386C-103LF-ND	3386H-103LF-ND	3386W-103LF-ND	3386X-103LF-ND	3386F-103-ND†	3386P-103LF-ND	3386R-103LF-ND	3386P-103TLF-ND	3386P-103TLF-ND	3386X-103TLF-ND
20K	3386C-203LF-ND	3386H-203LF-ND	3386W-203LF-ND	—	3386F-203LF-ND	3386P-203LF-ND	3386R-203LF-ND	3386P-203TLF-ND	3386P-203TLF-ND	—
25K	3386C-253-ND†	3386H-253LF-ND	3386W-253LF-ND	3386X-253LF-ND	3386F-253LF-ND	3386P-253LF-ND	3386R-253LF-ND	—	—	—
50K	3386C-503-ND†	3386H-503LF-ND	3386W-503LF-ND	3386X-503LF-ND	3386F-503LF-ND	3386P-503LF-ND	3386R-503LF-ND	—	—	—
100K	3386C-104LF-ND	3386H-104LF-ND	3386W-104LF-ND	3386X-104LF-ND	3386F-104LF-ND	3386P-104LF-ND	3386R-104LF-ND	3386P-104TLF-ND	3386P-104TLF-ND	—
200K	3386C-204LF-ND	3386H-204LF-ND	—	3386X-204-ND†	3386F-204LF-ND	3386P-204LF-ND	3386R-204-ND	—	—	—
250K	3386C-254LF-ND	—	3386W-254-ND†	—	3386F-254-ND†	3386P-254LF-ND	—	—	—	—
500K	3386C-504-ND†	3386H-504LF-ND	3386W-504LF-ND	3386X-504LF-ND	3386F-504LF-ND	3386P-504LF-ND	3386R-504LF-ND	—	—	—
1M	3386C-105LF-ND	3386H-105-ND†	3386W-105LF-ND	3386X-105LF-ND	3386F-105LF-ND	3386P-105LF-ND	3386R-105-ND†	—	—	—
2M	3386C-205-ND†	3386H-205-ND†	3386W-205LF-ND	3386X-205LF-ND	3386F-205LF-ND	3386P-205LF-ND	3386R-205-ND†	—	—	—

Characteristics:
 • Resistance Tolerance: ±10% standard • Insulation Resistance: 500VDC 1,000MΩ minimum
 • Adjustment Angle: 280° • Power Rating (300V max.): 85°C = 0.5W; 125°C = 0W • Temperature Range: -55°C - 125°C • Temperature Coefficient: ±100ppm/°C • Load Life: 1,000 hours 0.5W @ 70°C (3% ΔTR; CRV, 1% or 1Ω, whichever is greater) • Rotational Life: 200 cycles (4% ΔTR; CRV, 1% or 1Ω, whichever is greater) • Mechanical Angle: 310° nominal • Torque: 5.0 oz-inch maximum • Stop Strength: 15.0 oz-inch minimum

Series	1	Pricing 10	50
3386C/3386R	1.43	13.00	55.90
3386F/3386H/3386P/3386W/3386X	1.20	11.75	50.53
3386F/3386P/3386X (with Knob)	2.06	15.75	69.38

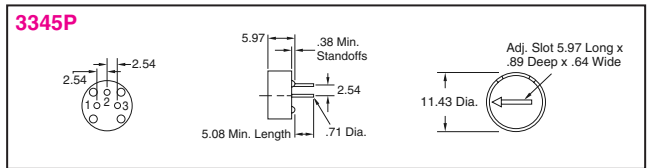
◆ RoHS Compliant † For RoHS Compliant Part Number change -ND to LF-ND.

SERIES 3345 — 1/2" (12.70mm) Round/Single-Turn Wirewound/Industrial/Sealed



Features
 • Industrial wirewound. • 1.0 watt power rating at 70°C

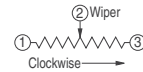
Characteristics:
 • Resistance Tolerance: ±5% standard Adjustment Angle: 280° nominal Power Rating: 70°C — 1 watt; 150°C — 0 watt Temperature Range: -55°C - 150°C Temperature Coefficient: ±50ppm/°C Load Life: 1,000 hours 1 watt @ 70°C Rotational Life: 200 cycles (2% ΔTR; ENR, 5000) Mechanical Angle: 310° nominal Torque: 5.0 oz-inch maximum Stop Strength: 15 oz-inch minimum



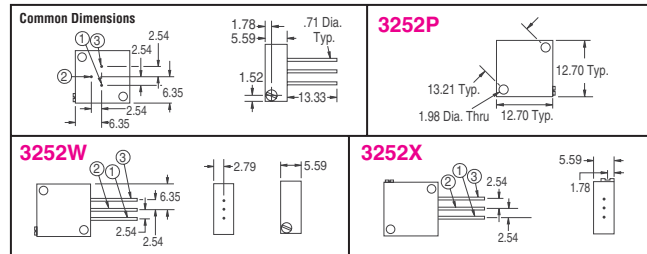
Res. (Ω)	Digi-Key Part No.	Nominal Resolution (Percent)
50	3345P-500-ND	0.58
100	3345P-101-ND	0.49
200	3345P-201-ND	0.49
500	3345P-501-ND	0.38
1K	3345P-102-ND	0.30
2K	3345P-202-ND	0.24
5K	3345P-502-ND	0.18
10K	3345P-103-ND	0.14
20K	3345P-203-ND	0.13

Series	1	Pricing 10	50
3345P	9.54	86.75	373.03

SERIES 3252 — 1/2" (12.70mm) Square/Multiturn (25) Cermet/Industrial/Sealed



Characteristics: • Resistance Tolerance: ±10% standard • Insulation Resistance: 500VDC 1,000MΩ minimum
 • Effective Travel: 25 turns nominal • Power Rating (400 volts maximum): 85°C — 0.75 watt; 150°C — 0 watt
 • Temperature Range: -65°C - 150°C • Temperature Coefficient: ±100ppm/°C • Load Life: 1,000 hours 0.75 watt @ 85°C (3% ΔTR; CRV, 3% or 3Ω, whichever is greater) • Rotational Life: 200 cycles (2% ΔTR; CRV, 3% or 3Ω, 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	3252P-101-ND	3252W-101-ND†	3252X-101-ND
200	3252P-201-ND	3252W-201LF-ND	—
500	3252P-501-ND†	3252W-501LF-ND	3252X-501-ND
1K	—	3252W-102-ND†	—
2K	—	3252W-202LF-ND	3252X-202LF-ND
5K	3252P-502-ND	3252W-502-ND†	3252X-502LF-ND
10K	3252P-103-ND	3252W-103LF-ND	3252X-103-ND†
20K	—	3252W-203LF-ND	—
50K	—	3252W-503LF-ND	—
100K	3252P-104-ND	3252W-104LF-ND	—
200K	3252P-204LF-ND	3252W-204LF-ND	—

Series	1	Pricing 10	50
3252P/3252W/3252X	14.44	131.25	564.38

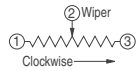
◆ RoHS Compliant † For RoHS Compliant Part Number change -ND to LF-ND

More Product Available Online: www.digkey.com

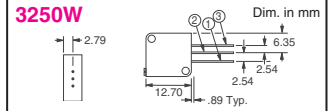


Trimmer Potentiometers

SERIES 3250 — 1/2" (12.70mm) Square/Multiturn (25) Wirewound/Sealed



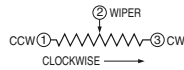
Characteristics: • Resistance Tolerance: $\pm 5\%$ standard • Insulation Resistance: 500VDC 1,000M Ω minimum • Adjustment Travel: 25 turns nominal • Power Rating: 85°C = 1W; 150°C = 0W • Temperature Range: -65°C - 150°C • Temperature Coefficient: ± 70 ppm/°C • Load Life: 1,000 hours 1 watt @ 85°C (2% Δ TR; ENR, 500 Ω) • Rotational Life: 200 cycles (2% Δ TR; ENR, 500 Ω) • Torque: 5.0 oz-inch maximum • Mechanical Stops: Wiper idles



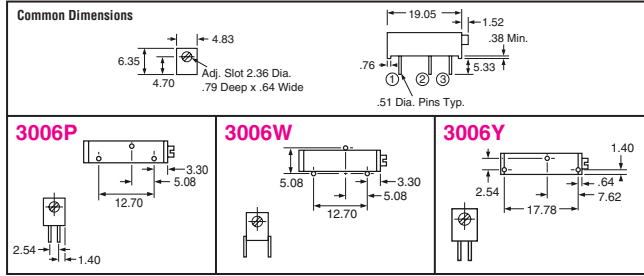
Resolution (Ω)	Digi-Key Part No.	Nominal Resolution (Percent)
200	3250W-201-ND	0.70
500	3250W-501-ND	0.30
5K	3250W-502-ND	0.25
10K	3250W-103-ND	0.19
20K	3250W-203-ND	0.16

Series	1	10	50
3250W	14.55	132.25	568.68

SERIES 3006 — 3/4" (19.05mm) Rectangular/Multiturn (15) Cermet/Industrial/Sealed



Characteristics: • Resistance Tolerance: $\pm 10\%$ standard • Insulation Resistance: 500VDC 1,000M Ω minimum. • Adjustment Angle: 15 turns nominal • Power Rating (400 volts maximum): 70°C = 0.75 watt; 150°C = 0 watt • Temperature Range: -55°C - 125°C • Temperature Coefficient: ± 100 ppm/°C • Load Life: 1,000 hours 0.75 watt @ 70°C (4% Δ TR) • Rotational Life: 200 cycles (3% Δ TR; CRV, 1% or 1 Ω , whichever is greater) • Torque: 5.0 oz-inch maximum • Mechanical Stops: Wiper idles

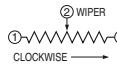


Res. (Ω)	Digi-Key Part No.	Digi-Key Part No.	Digi-Key Part No.
100	3006P-101LF-ND	3006W-101LF-ND	3006Y-101LF-ND
200	3006P-201LF-ND	3006W-201LF-ND	3006Y-201LF-ND
500	3006P-501-ND	3006W-501-ND	3006Y-501LF-ND
1K	3006P-102LF-ND	3006W-102LF-ND	3006Y-102LF-ND
2K	3006P-202LF-ND	3006W-202LF-ND	3006Y-202LF-ND
5K	3006P-502LF-ND	3006W-502LF-ND	3006Y-502LF-ND
10K	3006P-103LF-ND	3006W-103LF-ND	3006Y-103LF-ND
20K	3006P-203LF-ND	3006W-203LF-ND	3006Y-203LF-ND
25K	3006P-253LF-ND	—	3006Y-253-ND
50K	3006P-503LF-ND	3006W-503LF-ND	3006Y-503LF-ND
100K	3006P-104LF-ND	3006W-104LF-ND	3006Y-104LF-ND
200K	3006P-204LF-ND	3006W-204LF-ND	3006Y-204LF-ND
250K	3006P-254LF-ND	—	3006Y-254LF-ND
500K	3006P-504LF-ND	3006W-504LF-ND	3006Y-504LF-ND
1M	3006P-105LF-ND	3006W-105LF-ND	—
2M	3006P-205LF-ND	—	—

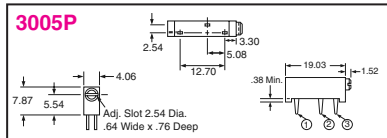
Series	1	10	50
3006P	1.73	15.75	67.73
3006W/3006Y	1.87	17.00	73.10

• RoHS Compliant † For RoHS Compliant Part Number change -ND to LF-ND

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

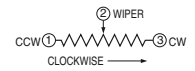


Res. (Ω)	Digi-Key Part No.	Nominal Resolution (Percent)
200	3005P-201-ND	0.7
500	3005P-501-ND	0.5
1K	3005P-102-ND	0.5
2K	3005P-202-ND	0.4
5K	3005P-502-ND	0.3
10K	3005P-103-ND	0.3
20K	3005P-203-ND	0.2

Series	1	10	50
3005P	11.22	102.00	438.60

• RoHS Compliant

SERIES 3009 — 3/4" (19.05mm) Rectangular/ Multiturn (15) Cermet/ Industrial/ Sealed

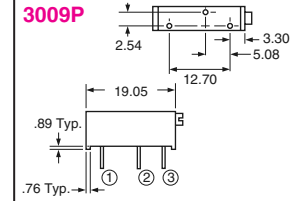
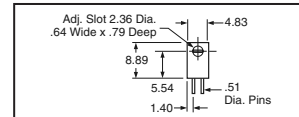


Characteristics: • Resistance Tolerance: $\pm 10\%$ standard • Insulation Resistance: 500VDC 1,000M Ω minimum • Adjustment Travel: 15 turns nominal • Temperature Coefficient: ± 100 ppm/°C • Load Life: 1,000 hours 0.75W @ 70°C (4% Δ TR) • Rotational Life: 200 cycles (3% Δ TR; CRV, 1% or 1 Ω , whichever is greater) • Torque: 5.0 oz-inch maximum • Mechanical Stops: Wiper idles

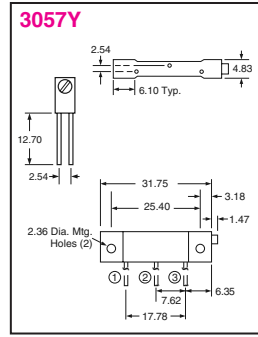
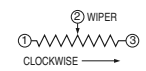
Res. (Ω)	Digi-Key Part No.	Digi-Key Part No.
100	3009P-101LF-ND	—
200	3009P-201LF-ND	3009Y-201-ND
500	3009P-501LF-ND	3009Y-501-ND
1K	3009P-102LF-ND	3009Y-102LF-ND
2K	3009P-202LF-ND	3009Y-202LF-ND
5K	3009P-502LF-ND	3009Y-502LF-ND
10K	3009P-103LF-ND	3009Y-103LF-ND
20K	3009P-203LF-ND	3009Y-203LF-ND
25K	3009P-253LF-ND	—
50K	3009P-503LF-ND	3009Y-503-ND
100K	3009P-104LF-ND	3009Y-104-ND
200K	3009P-204LF-ND	—
500K	3009P-504LF-ND	3009Y-504-ND
1M	3009P-105LF-ND	—

Series	1	10	50
3009P/3009Y	2.72	24.75	106.43

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



SERIES 3057 — 1-1/4" (31.75mm) Rectangular/ Multiturn (22) Wirewound/ Industrial/Sealed



Characteristics: • Resistance Tolerance: $\pm 5\%$ Typical • Insulation Resistance: 500VDC 1,000M Ω minimum • Adjustment Travel: 22 turns nominal • Power Rating: 70°C = 1 watt; 150°C = 0 watt • Temp. Range: -55°C - 150°C • Temp. Coefficient: ± 50 ppm/°C Load Life: 1,000 hours 1 watt @ 70°C (2% Δ TR) • Rotational Life: 200 cycles (2% Δ TR) Torque: 5.0 oz-in. maximum • Mechanical Stops: Wiper idles

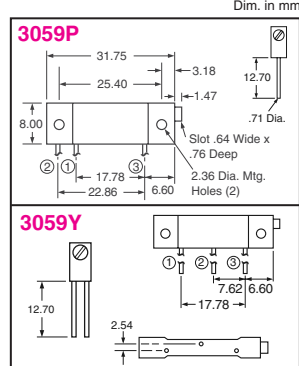
Res. (Ω)	Digi-Key Part No.	Nominal Resolution (Percent)
200	3057Y-201-ND	0.86
500	3057Y-501-ND	0.89
1K	3057Y-102-ND	0.72
2K	3057Y-202-ND	0.58
5K	3057Y-502-ND	0.43
10K	3057Y-103-ND	0.34
20K	3057Y-203-ND	0.31

Series	1	10	50
3057Y	19.06	173.25	744.98

SERIES 3059 — 1-1/4" (31.75mm) Rectangular/Multiturn (22) Cermet/Industrial/Sealed

Characteristics:

• Resistance Tolerance: $\pm 10\%$ standard • Insulation Resistance: 500VDC 1,000M Ω minimum • Effective Travel: 22 turns nominal • Power Rating: 70°C = 1W; 150°C = 0W • Temperature Range: -55°C - 150°C • Temperature Coefficient: ± 100 ppm/°C • Load Life: 1,000 hours 1 Watt @ 70°C (3% Δ TR; CRV, 1% or 1 Ω , whichever is greater) • Rotational Life: 200 cycles (2% Δ TR; CRV, 1% or 1 Ω , whichever is greater) • Torque: 5.0 oz-inch maximum • Mechanical Stops: Wiper idles



Res. (Ω)	Digi-Key Part No.	Digi-Key Part No.
100	3059P-101LF-ND	3059Y-101LF-ND
500	3059P-501-ND	—
1K	3059P-102LF-ND	3059Y-102LF-ND
5K	3059P-502LF-ND	3059Y-502LF-ND
10K	—	3059Y-103LF-ND
20K	3059P-203LF-ND	3059Y-203LF-ND
50K	3059P-503LF-ND	3059Y-503-ND
100K	3059P-104LF-ND	3059Y-104-ND
200K	—	3059Y-204LF-ND
500K	—	3059Y-504LF-ND

Series	1	10	50
3059P/3059Y	6.49	59.00	253.70

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

More Product Available Online: www.digkey.com

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