

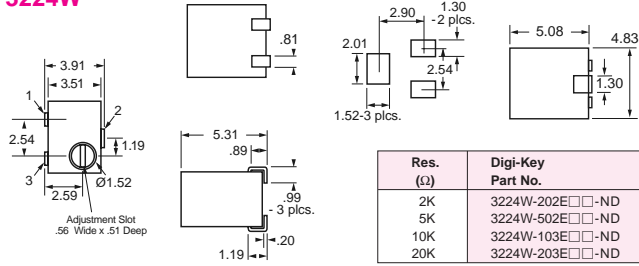


# Trimmer Potentiometers

## SERIES 3224

SMT 4mm Multi-Turn (11) Top Adjust/Cermet

### 3224W



Res. (Ω)	Digi-Key Part No.
2K	3224W-202E□□-ND
5K	3224W-502E□□-ND
10K	3224W-103E□□-ND
20K	3224W-203E□□-ND

#### CHARACTERISTICS:

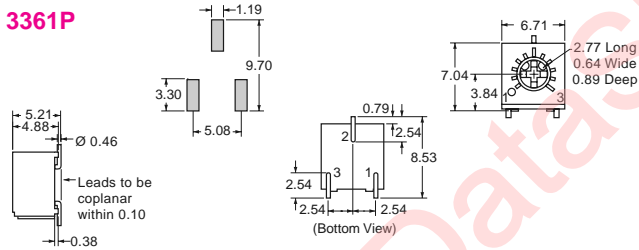
Resistance Tolerance: ±10% standard • Absolute Minimum Resistance: 1% or 2.0 Ω (whichever is greater) • Contact Resistance Variation: 1% or 3 Ω max. • Resolution: Essentially Infinite • Insulation Resistance: 500VDC, 100 megΩ min. • Dielectric Strength: Sea Level: 600VAC (1 minute), Adjustment Angle: 11 turns nominal • Power Rating (300V max.): 85°C = 0.25W, 150°C = 0W • Temperature Range: -65°C - 150°C • Temperature Coefficient: ±100ppm/°C • Humidity: MIL-STD 202 Method 106, TRS ±2%; IR 10 megΩ • Vibration: 20G TRS ±1%, VRS ±1% • Shock: 100G TRS ±1%, VRS ±1% • Load Life (@ 85°C Rated Power 1000 Hours): TRS 3 Ω or 3% (whichever is greater) • Rotational Cycling: 200 cycles, TRS 3 Ω or 3% (whichever is greater) • Thermal Shock: 5 cycles, TRS ±2%, VRS ±1% • Mechanical Stop: Wiper idles • Torque: 180g-cm max. • Weight: Approximately 0.01 oz. • Marking: Manufacturer's code, resistance code and date code

Series	Part No.	Cut Tape Pricing			Part No.	Tape & Reel Pricing
		1	10	100		250
3224W	Add "CT-ND"	2.18	18.67	161.83	Add "TR-ND"	280.08

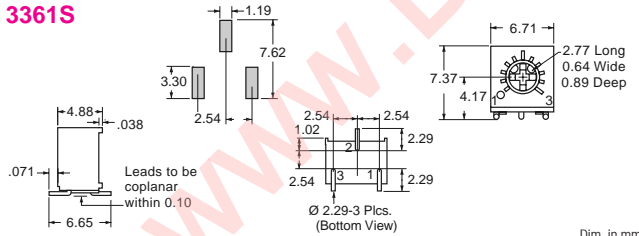
## SERIES 3361

1/4" (6.35mm) Square SMD/ Single-Turn Cermet/ Industrial/ Sealed

### 3361P



### 3361S



#### CHARACTERISTICS:

Resistance Tolerance: ±10% standard • Insulation Resistance: 500VDC 1,000 megΩ minimum • Adjustment Angle: 240° nominal • Power Rating (300V max.): 70°C = 0.50W, 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, 3% or 3 Ω, whichever is greater) • Rotational Life: 200 cycles (4% ΔTR: CRV, 3% or 3 Ω, whichever is greater) • Mechanical Angle: 270° nominal • Torque: 3.0 oz-in. maximum • Stop Strength: 7.0 oz-in. minimum

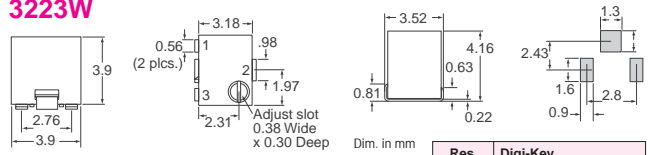
Res. (Ω)	Digi-Key Part No.	Digi-Key Part No.
100	3361P-101G□□-ND	3361S-101G□□-ND
200	3361P-201G□□-ND	3361S-201G□□-ND
500	3361P-501G□□-ND	3361S-501G□□-ND
1K	3361P-102G□□-ND	3361S-102G□□-ND
2K	3361P-202G□□-ND	3361S-202G□□-ND
5K	3361P-502G□□-ND	3361S-502G□□-ND
10K	3361P-103G□□-ND	3361S-103G□□-ND
20K	3361P-203G□□-ND	3361S-203G□□-ND
50K	3361P-503G□□-ND	3361S-503G□□-ND
100K	3361P-104G□□-ND	3361S-104G□□-ND

Series	Part No.	Cut Tape Pricing			Part No.	Tape & Reel Pricing
		1	10	50		750
3361P	Add "CT-ND"	.53	4.82	23.13	Add "TR-ND"	253.23
3361S	Add "CT-ND"	.53	4.82	23.13	Add "TR-ND"	168.82

## SERIES 3223

Surface Mount 3mm Multi-Turn (11) Cermet/ Industrial/ Sealed

### 3223W



FEATURES: • Surface Mount 3mm Square/ Multi-turn Cermet/ Industrial/ Sealed • Sealed to withstand standard board wash processing • Pick and place centering design for automated placement compatibility • Flush adjustment screw • Top adjust

CHARACTERISTICS: • Resistance Tolerance: ±20% standard • Absolute Minimum Resistance: 1% or 3.0 Ω max. (whichever is greater) • Contact Resistance Variation: 3% or 3 Ω max. (whichever is greater) • Resolution: Essentially Infinite • Insulation Resistance: 500VDC, 100 megΩ min. • Adjustment Angle: 11 turns nominal • Power Rating (200V max.): 70°C = 0.125W, 150°C = 0W • Temperature Range: -65°C - 150°C • Temperature Coefficient: ±100ppm/°C • Vibration: 20G TRS ±1%, VRS ±1% • Shock: 100G TRS ±1%, VRS ±1% • Load Life (@ 70°C Rated Power 1000 Hours): CRV 4 Ω or 4% (whichever is greater) • Rotational Cycling: 200 cycles, CRV 4 Ω or 4% (whichever is greater) • Thermal Shock: 5 cycles, TRS ±2%, VRS ±2%

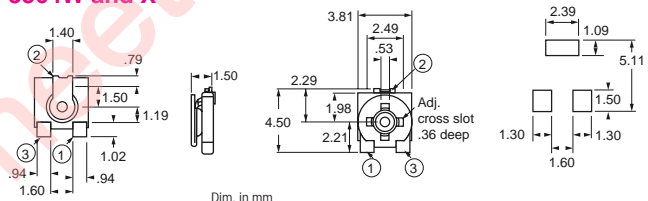
Res. (Ω)	Digi-Key Part No.
10	3223W-1-100E□□-ND
20	3223W-1-200E□□-ND
50	3223W-1-500E□□-ND
100	3223W-1-101E□□-ND
200	3223W-1-201E□□-ND
500	3223W-1-501E□□-ND
1K	3223W-1-102E□□-ND
2K	3223W-1-202E□□-ND
5K	3223W-1-502E□□-ND
10K	3223W-1-103E□□-ND
50K	3223W-1-503E□□-ND
100K	3223W-1-104E□□-ND
200K	3223W-1-204E□□-ND
500K	3223W-1-504E□□-ND
1M	3223W-1-105E□□-ND
2M	3223W-1-205E□□-ND

Series	Part No.	Cut Tape Pricing			Part No.	Tape & Reel Pricing
		1	10	100		500
3223W	Add "CT-ND"	2.12	18.18	167.53	Add "TR-ND"	493.79

## SERIES 3364

SMD 4mm Square/ Single-Turn Cermet/ Industrial/ Open Frame

### 3364W and X



#### CHARACTERISTICS:

Cross-slot rotor designs suitable for automatic adjustment equipment. Supplied in 12mm embossed tape, compatible with automatic pick-and-place assembly equipment. Rear adjust versions available.

CHARACTERISTICS: • Resistance Tolerance: ±25% standard • Adjustment Angle: 260°±20° • Power Rating (50V max.): 70°C = 0.2W • Temperature Range: -40°C - 100°C • Temperature Coefficient: ±250ppm/°C • Load Life: 1,000 hours 0.2W @ 70°C (5% ΔTR) • Rotational Life: 20 cycles (15% ΔTR) • Torque: 20 - 200g-cm • Mechanical Angle: Continuous

Res. (Ω)	Digi-Key Part No.	Digi-Key Part No.
500	3364W-501E□□-ND	3364X-501E□□-ND
1K	3364W-102E□□-ND	3364X-102E□□-ND
2K	3364W-202E□□-ND	3364X-202E□□-ND
5K	3364W-502E□□-ND	3364X-502E□□-ND
10K	3364W-103E□□-ND	3364X-103E□□-ND
20K	3364W-203E□□-ND	3364X-203E□□-ND
50K	3364W-503E□□-ND	3364X-503E□□-ND
100K	3364W-104E□□-ND	3364X-104E□□-ND
200K	3364W-204E□□-ND	3364X-204E□□-ND
500K	3364W-504E□□-ND	3364X-504E□□-ND
1M	3364W-105E□□-ND	3364X-105E□□-ND

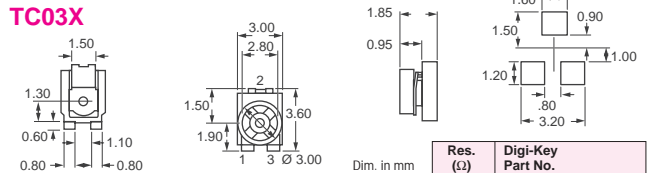
Series	Part No.	Cut Tape Pricing			Part No.	Tape & Reel Pricing
		1	10	100		1,000
3364W/3364X	Add "CT-ND"	2.33	31.15	176.81	Add "TR-ND"	176.81

\* 3364W-KIT-ND Digi-Key® Series 3364W Trimmer Potentiometers Kit 5 each of all values (55 total pieces).....19.80

## SERIES TC03

Surface Mount 3mm Single-Turn Top Adjust Cermet

### TC03X



#### CHARACTERISTICS:

Resistance Tolerance: ±25% • Adjustment Angle: 270° • Power Rating: 0.1W • Temperature Range: -40°C - 85°C • Temperature Coefficient: ±250ppm/°C • Rotational Life: 20 turns • Rotational Torque: 20-200g-cm. maximum

Res. (Ω)	Digi-Key Part No.
100	TC03X-101E□□-ND
1K	TC03X-102E□□-ND
2K	TC03X-202E□□-ND
5K	TC03X-502E□□-ND
10K	TC03X-103E□□-ND
20K	TC03X-203E□□-ND

Series	Part No.	Cut Tape Pricing			Part No.	Tape & Reel Pricing
		1	10	100		2,000
TC03X	Add "CT-ND"	.11	.91	7.93	Add "TR-ND"	55.08/M

All prices are in British Pound Sterling and include duties.

uk.digikey.com — FREEPHONE: 0-800-587-0991 • 0-800-904-7786 — FREEFAX: 0-800-587-0992 • 0-800-904-7783

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