



## 6mm Carbon Trimmer Potentiometers

### SPECIFICATIONS:

**Mechanical:** • Rotation Angle: 210° ±20° • Rotation Torque: 20 – 250g-cm • Stopper Strength: 750gfcm • Soldering Heat: 240°C – 280°C, 5 seconds maximum; 280°C – 300°C, 3 seconds maximum • Rotation life: 100 cycles

**Electrical:** • Power rating: 0.1W (when under 50°C) • Maximum operating voltage: 50V • Taper: B (Linear) • Resistance: 200Ω – 1MΩ • Tolerance: ±30%.

### FEATURES:

• Miniature size, lightweight, 6.4 x 6.7mm • Suitable for automatic insertion as square housing • Suitable for automatic adjustment as stable rotation torque • Dust proof and flux proof construction • Adjustable from both top and bottom sides • Snap-in mounting terminal for EVN-D8A/D2A

**Applications:** • Consumer equipment such as TV, VTR (VCR), stereo, radio.



### Carbon Trimmer Potentiometers

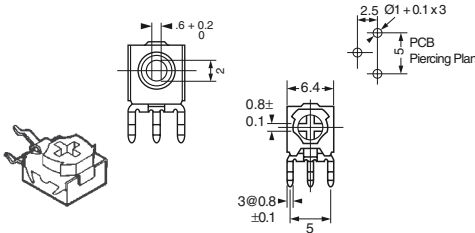


**Digi-Key® Assortment Kit**  
14 Panasonic 6mm Carbon Trimmer Potentiometers  
Panasonic Quality

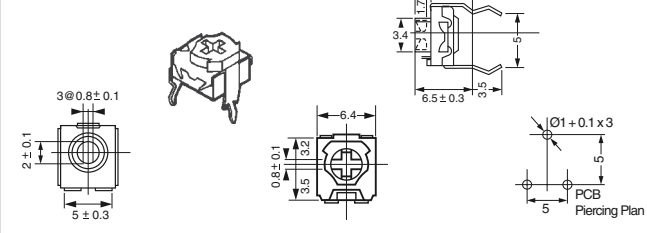
Cat. No. **DXA-KIT-ND**..... **\$29.95**

**140 6mm Carbon Trimmer Potentiometers:** Price includes convenient divided notebook style storage case with bin guide for easy storage and quick access.

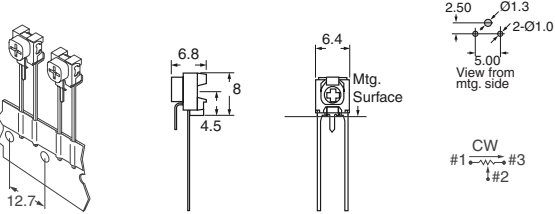
#### EVN-D2A (Side Adjust)



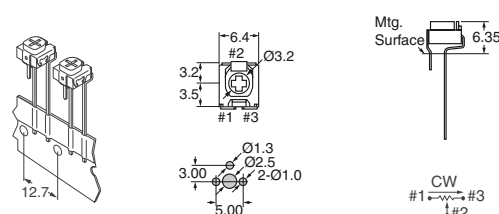
#### EVN-D8A (Top Adjust)



#### EVN-DCA (Side Adjust)



#### EVN-DJA (Top Adjust)



### EVN-D2A Side Adjust (Bulk) Series — EVN-D8A Top Adjust (Bulk) Series

Resistance (Ω)	Digi-Key Part No. Side Adjust Version	Digi-Key Part No. Top Adjust Version	Bulk Pricing				Panasonic Part No. Side Adjust Version	Panasonic Part No. Top Adjust Version	
			1	10	100	500			1,000
200	D1AA22-ND*	D4AA22-ND*	.36	2.63	19.44	72.90	113.40	EVN-D2AA03B22	EVN-D8AA03B22
500	D1AA52-ND*	D4AA52-ND*	.36	2.63	19.44	72.90	113.40	EVN-D2AA03B52	EVN-D8AA03B52
1K	D1AA13-ND*	D4AA13-ND*	.36	2.63	19.44	72.90	113.40	EVN-D2AA03B13	EVN-D8AA03B13
2K	D1AA23-ND	D4AA23-ND	.36	2.63	19.44	72.90	113.40	EVN-D2AA03B23	EVN-D8AA03B23
5K	D1AA53-ND*	D4AA53-ND*	.36	2.63	19.44	72.90	113.40	EVN-D2AA03B53	EVN-D8AA03B53
10K	D1AA14-ND*	D4AA14-ND*	.36	2.63	19.44	72.90	113.40	EVN-D2AA03B14	EVN-D8AA03B14
20K	D1AA24-ND*	D4AA24-ND*	.36	2.63	19.44	72.90	113.40	EVN-D2AA03B24	EVN-D8AA03B24
50K	D1AA54-ND*	D4AA54-ND*	.36	2.63	19.44	72.90	113.40	EVN-D2AA03B54	EVN-D8AA03B54
100K	D1AA15-ND*	D4AA15-ND*	.36	2.63	19.44	72.90	113.40	EVN-D2AA03B15	EVN-D8AA03B15
200K	D1AA25-ND*	D4AA25-ND*	.36	2.63	19.44	72.90	113.40	EVN-D2AA03B25	EVN-D8AA03B25
500K	D1AA55-ND*	D4AA55-ND*	.36	2.63	19.44	72.90	113.40	EVN-D2AA03B55	EVN-D8AA03B55

◆ RoHS Compliant \* Denotes part included in DXA-KIT.

### EVN-DCA Side Adjust (Tape) Series — EVN-DJA Top Adjust (Tape) Series

Res. (Ω)	Digi-Key Part No. Side Adjust Version	Digi-Key Part No. Top Adjust Version	Cut Tape Pricing				Digi-Key Part No. Side Adjust Version	Digi-Key Part No. Top Adjust Version	Tape & Box Pricing 1,000	Panasonic Part No. Side Adjust Version	Panasonic Part No. Top Adjust Version
			1	10	100	500					
200	DCA22CT-ND	DJA22CT-ND	.41	2.99	22.08	82.80	DCA22TB-ND	DJA22TB-ND	129.00	EVN-DCAA03B22	EVN-DJAA03B22
500	DCA52CT-ND	DJA52CT-ND	.41	2.99	22.08	82.80	DCA52TB-ND	DJA52TB-ND	129.00	EVN-DCAA03B52	EVN-DJAA03B52
1K	DCA13CT-ND*	DJA13CT-ND*	.41	2.99	22.08	82.80	DCA13TB-ND*	DJA13TB-ND*	129.00	EVN-DCAA03B13	EVN-DJAA03B13
2K	DCA23CT-ND	DJA23CT-ND	.41	2.99	22.08	82.80	DCA23TB-ND	DJA23TB-ND	129.00	EVN-DCAA03B23	EVN-DJAA03B23
5K	DCA53CT-ND*	DJA53CT-ND*	.41	2.99	22.08	82.80	DCA53TB-ND*	DJA53TB-ND*	129.00	EVN-DCAA03B53	EVN-DJAA03B53
10K	DCA14CT-ND	DJA14CT-ND*	.41	2.99	22.08	82.80	DCA14TB-ND	DJA14TB-ND*	129.00	EVN-DCAA03B14	EVN-DJAA03B14
20K	DCA24CT-ND	DJA24CT-ND	.41	2.99	22.08	82.80	DCA24TB-ND	DJA24TB-ND	129.00	EVN-DCAA03B24	EVN-DJAA03B24
50K	DCA54CT-ND	DJA54CT-ND*	.41	2.99	22.08	82.80	DCA54TB-ND	DJA54TB-ND*	129.00	EVN-DCAA03B54	EVN-DJAA03B54
100K	DCA15CT-ND	DJA15CT-ND	.41	2.99	22.08	82.80	DCA15TB-ND	DJA15TB-ND	129.00	EVN-DCAA03B15	EVN-DJAA03B15
200K	DCA25CT-ND	DJA25CT-ND	.41	2.99	22.08	82.80	DCA25TB-ND	DJA25TB-ND	129.00	EVN-DCAA03B25	EVN-DJAA03B25
500K	DCA55CT-ND	DJA55CT-ND	.41	2.99	22.08	82.80	DCA55TB-ND	DJA55TB-ND	129.00	EVN-DCAA03B55	EVN-DJAA03B55

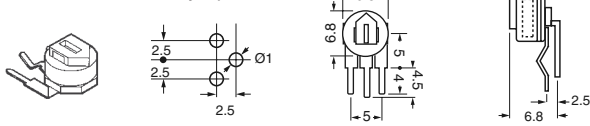
◆ RoHS Compliant



## Cermet Series Trimmer Potentiometers 6mm Diameter Cermet Dust-Proof Type

#### EVM-31GA

(Horizontal Both Sides Adjust)



**SPECIFICATIONS:** • Resistance Range: 100 to 500K • Tolerance: ±25% • Taper: Linear • Residual Resistance: 5% maximum • Wattage Rating: 0.3W maximum (70°C) • Voltage Rating: 100V maximum • TCR: +200PPM/°C • Rotation Torque: 20 to 250g-cm • Stopper Strength: 300g-cm minimum • Rotation Angle: 200° ±20° • Operating Temperature: -40°C – 101°C (EVM-31G/36G)

Resistance Ω	Digi-Key Part No. Horizontal—31GA	Pricing		Panasonic Part No. Horizontal—31G
		1	100	
100	31G12-ND	.67	5.28	EVM-31GA00B12
500K	31G55-ND	.67	5.28	EVM-31GA00B55

More Product Available Online: [www.digkey.com](http://www.digkey.com)

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(T083) 1905