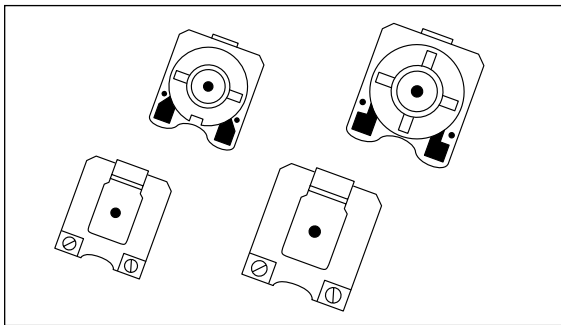


# Thick Film Chip Trimmer Potentiometers



## CVR-32 / CVR-42 / CVR-43 Series



### HOW TO ORDER

**CVR 4 3 C - 223 S W 1** □  
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① **Chip Trimmer Potentiometer**
- ② **Size:** 4 = 4mm, 3 = 3mm
- ③ **Terminal Number:**  
 2 = 2 terminals  
 3 = 3 terminals (except for CVR-3)
- ④ **Circuit Type:**  
 A = Voltage adjustment  
 C = Current adjustment (except for CVR-3)
- ⑤ **Nominal Resistance Value:**  
 3 digits (2 significant digits and 1 number of zeros)
- ⑥ **Adjustment Method:**  
 S = Standard  
 G = Automatic  
 R = Bottom (CVR-43 only)
- ⑦ **Packaging:**  
 B = Bulk  
 W = Taping (W direction)  
 X = Taping (X direction) option
- ⑧ **Standard Quantity per Package:**  
 CVR42, 43: 1 = 1,000 pcs, 5 = 5,000 pcs  
 CVR32: 2 = 2,000 pcs, 5 = 5,000 pcs, 0 = 10,000 pcs
- ⑨ **Others**

### Standard Values

Style	Full Resistance Value (Ω, kΩ, MΩ)	Code	
		(a)	(b)
CVR-□□□-101	100Ω	1	1
CVR-□□□-151	150Ω	A	1
CVR-□□□-201	200Ω	2	1
CVR-□□□-221	220Ω		1
CVR-□□□-301	300Ω	3	1
CVR-□□□-331	330Ω		1
CVR-□□□-471	470Ω	4	1
CVR-□□□-501	500Ω	5	1
CVR-□□□-681	680Ω	6	1
CVR-□□□-102	1.0kΩ	1	2
CVR-□□□-152	1.5kΩ	A	2
CVR-□□□-202	2.0kΩ	2	2
CVR-□□□-222	2.2kΩ		2
CVR-□□□-302	3.0kΩ	3	2
CVR-□□□-332	3.3kΩ		2
CVR-□□□-472	4.7kΩ	4	2
CVR-□□□-502	5.0kΩ	5	2
CVR-□□□-682	6.8kΩ	6	2
CVR-□□□-103	10kΩ	1	3
CVR-□□□-153	15kΩ	A	3
CVR-□□□-203	20kΩ	2	3
CVR-□□□-223	22kΩ		3
CVR-□□□-303	30kΩ	3	3
CVR-□□□-333	33kΩ		3
CVR-□□□-473	47kΩ	4	3
CVR-□□□-503	50kΩ	5	3
CVR-□□□-683	68kΩ	6	3
CVR-□□□-104	100kΩ	1	4
CVR-□□□-154	150kΩ	A	4
CVR-□□□-204	200kΩ	2	4
CVR-□□□-224	220kΩ		4
CVR-□□□-304	300kΩ	3	4
CVR-□□□-334	330kΩ		4
CVR-□□□-474	470kΩ	4	4
CVR-□□□-504	500kΩ	5	4
CVR-□□□-684	680kΩ	6	4
CVR-□□□-105	1.0MΩ	1	5
CVR-□□□-155	1.5MΩ	A	5
CVR-□□□-205	2.0MΩ	2	5
CVR-□□□-225	2.2MΩ		5

### Rating

Specifications	Rating	
	CVR-4 Series	CVR-3 Series
Rated Power	0.2W (70°C)	0.1W (70°C)
Rated Voltage	100V	50V
Resistance Value	100Ω-2.2MΩ	100Ω-2.2MΩ
Resistance Tolerance	±30%	±30%
Resistance Change Linearity	Straight line "B"	Straight line "B"
Rotation Life	(20 rotations) ±15%	(20 rotations) ±15%
Torque	20-200g•cm	20-200g•cm
Rotation Angle	270°±20°	270°±20°
Operating Temp	-40°C~+100°C	-40°C~+100°C
T.C.R.	±250 ppm/°C	±250 ppm/°C

### Code

(a)	(2)	(b)	Code (a)		Code (b)	
			(The first two significant figures)		(10 logarithmic multiplier)	
			Sign	Value	Sign	Value
			1	10	1	10 <sup>1</sup>
			A	15	2	10 <sup>2</sup>
			2	20, 22	3	10 <sup>3</sup>
			3	30, 33	4	10 <sup>4</sup>
			4	47	5	10 <sup>5</sup>
			5	50		
			6	68		

Example (a) 4 (b) 3 ⇒ 47 x 10<sup>3</sup> = 47 kΩ

Additional information on this product is available from AVX's catalog or AVX's FAX Service. Call 1-800-879-1613 and request document #098. Visit our website <http://www.avxcorp.com>



# Thick Film Chip Trimmer Potentiometers



## CVR-32 / CVR-42 / CVR-43 Series

### Dimensions:

Item	Circuit Type	Equivalent Circuit	Dimensions (Unit:mm)
(Face) (Back)  CVR-43 Auto	A type		 Contact Point Marking Ceramic Substrate Solder Pad Rotor Dimensions: 3.8±0.2, 0.55, 2.7, 0.3, 0.8, 1.8±0.2, 0.4, 2.0, 0.6, 1.25, 1.2, 1.1, 0.64±0.08, 0.64±0.08, 0.64±0.08, 0.64±0.08, 0.64±0.08
	C type		
 CVR-42 Auto	A type		 Contact Point Marking Ceramic Substrate Rotor Terminal Solder Pad Rotor Dimensions: 3.8±0.2, 0.55, 2.7, 0.3, 0.8, 1.8±0.2, 0.4, 1.9±0.1, 1.5, 2.2, 1.5, 1.20, 1.05, 1.05, 0.64±0.08, 0.64±0.08, 0.64±0.08, 0.64±0.08, 0.64±0.08
	C type		
 CVR-43 Reverse	A type		 Contact Point Marking Ceramic Substrate Screw for Adjustment Solder Pad Rotor Dimensions: 3.8±0.2, 0.4±0.1, 2.8±0.2, 0.3, 0.8, 1.6±0.2, 0.4, 2.2, 0.6, 1.25, 1.2, 1.1, 0.64±0.08, 0.64±0.08, 0.64±0.08, 0.64±0.08, 0.64±0.08
	C type		
 CVR-43 Standard	A type		 Contact Point Marking Ceramic Substrate Solder Pad Rotor Dimensions: 3.8±0.2, 0.4±0.1, 2.8±0.2, 0.3, 0.8, 1.6±0.2, 0.4, 2.2, 0.6, 1.25, 1.2, 1.1, 0.64±0.08, 0.64±0.08, 0.64±0.08, 0.64±0.08, 0.64±0.08
	C type		
 CVR-42 Standard	A type		 Contact Point Marking Ceramic Substrate Rotor Terminal Solder Pad Rotor Dimensions: 3.8±0.2, 0.4±0.1, 2.8±0.2, 0.3, 0.8, 1.6±0.2, 0.4, 1.9±0.1, 1.5, 2.2, 1.5, 1.20, 1.05, 1.05, 0.64±0.08, 0.64±0.08, 0.64±0.08, 0.64±0.08, 0.64±0.08
	C type		
 CVR-32 Standard	A type		 Ceramic Substrate Rotor Terminal Rotor Solder Pad Type Marking Dimensions: 3.0±0.1, 1.2±0.1, 3.7±0.1, 0.4±0.1, 2.0±0.1, 0.75, 1.5 max, 0.8, 1.2, 0.6, 1.2, 1.0, 0.9, 1.2±0.1, 0.8±0.1, 0.8±0.1
	A type		
 CVR-32 Auto	A type		 Ceramic Substrate Terminal Rotor Solder Pad Dimensions: 3.0±0.1, 0.3±0.1, 1.8, 3.7±0.2, 2.3, 0.75, 1.2, 1.2, 1.8, 1.0, 0.9, 1.7 max, 0.8, 0.8
	A type		

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