

### Adjustable (pre-set) Ceramic Capacitors

Series:  $\phi 5$



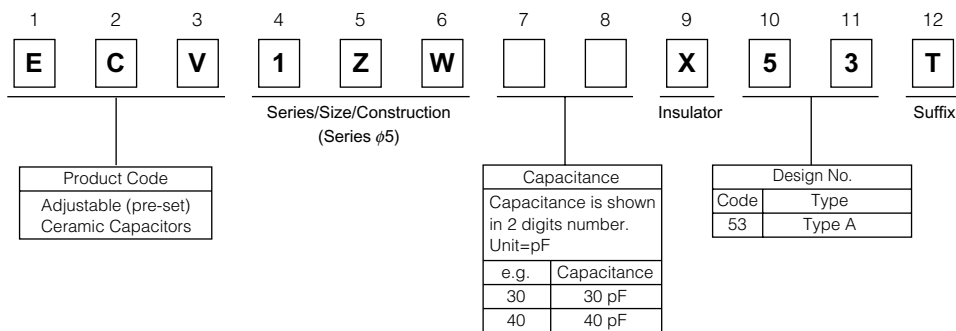
#### ■ Features

- Lower capacitance drift after setting and stable VHF frequency characteristics
- Linear "Capacitance vs. Temperature" and stable against environmental changes

#### ■ Recommended Applications

- VHF communication equipment
- Measuring equipment

#### ■ Explanation of Part Numbers



#### ■ Ratings and Characteristics

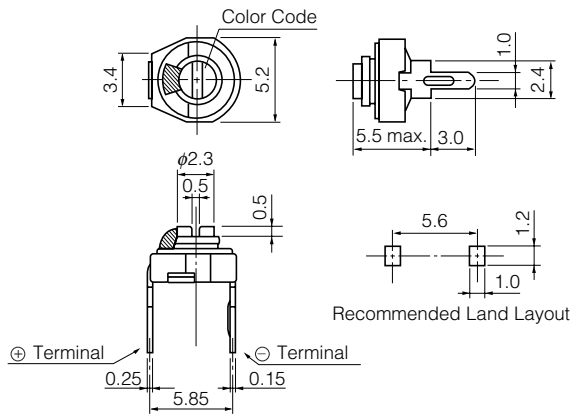
Item	Part No.	ECV1ZW□□X□□T
Rated Voltage		250 VDC
Dielectric Withstanding Voltage		550 VDC
Insulation Resistance (at C max.)		$10^4$ M $\Omega$ min. at 250 VDC
Rotation Torque		2.94 to 13.7 mN · m (30 to 140 gf · cm)
Operating Temperature Range		-25 to +85 °C

Part Number	Capacitance (pF)		Temperature Coefficient (ppm/°C)	Q		Color
	max.	min.		(at 10 MHz)	(at 100 MHz)	
Type A						
ECV1ZW04X53T	5.5 min.	1.5 max.	NP0 $\pm$ 250	300 min.	200 min.	Black
ECV1ZW06X53T	8.0 min.	2.0 max.	N100 $\pm$ 200			Red
ECV1ZW10X53T	12.0 min.	2.8 max.	N600 $\pm$ 300			Nil.
ECV1ZW20X53T	20.5 min.	3.3 max.	N800 $\pm$ 300			Blue
ECV1ZW30X53T	30.0 min.	4.5 max.	N1350 $\pm$ 650	200 min.	—	Orange
ECV1ZW40X53T	40.0 min.	5.0 max.	N1600 $\pm$ 800			Brown

Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.

### ■ Dimensions in mm (not to scale)

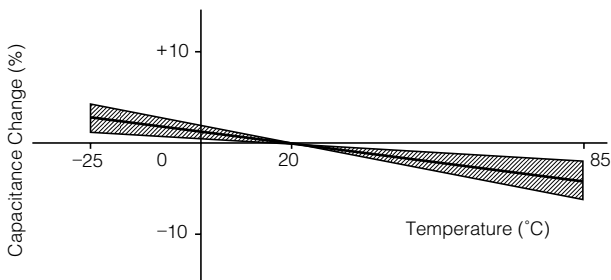
Type A ECV1ZW□□X53T



### ■ Typical Characteristics

Temperature Characteristics

ECV1ZW10X53T



ECV1ZW40X53T

