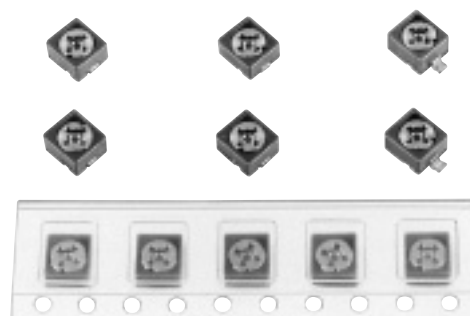


Chip Type Adjustable (pre-set) Ceramic Capacitors

Series: **J**

Series J are miniature in size, thin type surface mounting devices and encased in a thermosetting plastic case.



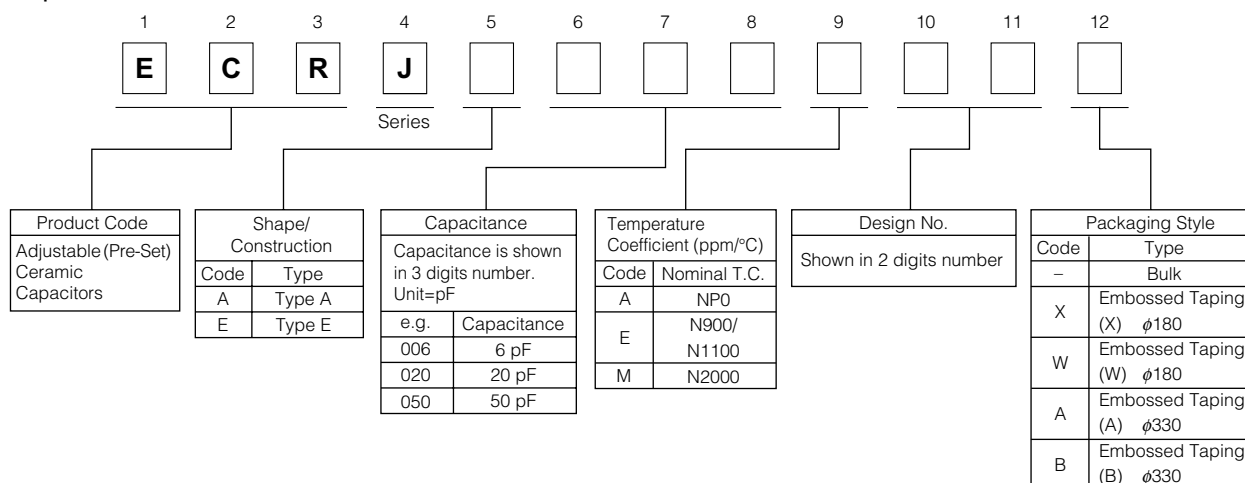
■ Features

- Miniature and thin type SMD: 4.0 x 4.5 x 2.7 mm
- Embossed tapping types are available for automatic insertion machines
- Easy reading of capacitance with colored-coded case

■ Recommended Applications

- Hybrid IC and micromodules
- Portable radios and cassette tape players
- VTR cameras
- Paging systems

■ Explanation of Part Numbers

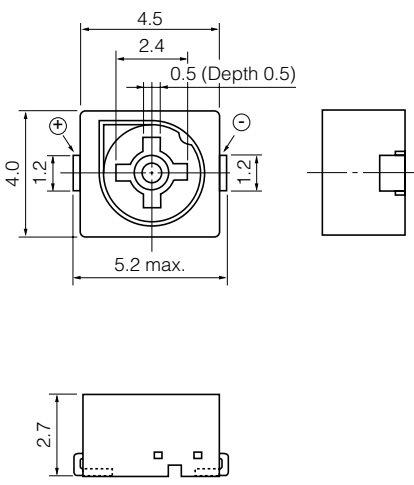
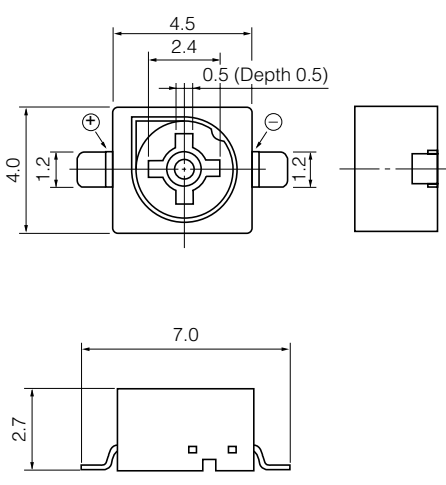
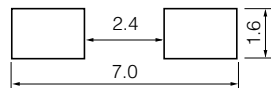
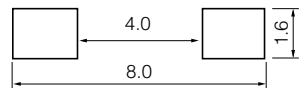


■ Ratings and Characteristics

Item	Ratings
Rated Voltage	100 VDC
Dielectric Withstanding Voltage	220 VDC
Insulation Resistance (at C max.)	10 ⁴ MΩ min. at 100 VDC and 1 minute electrification
Rotation Torque	1.47 to 9.81 mN · m (15 to 100 gf · cm)
Operating Temperature Range	-25 to +85 °C

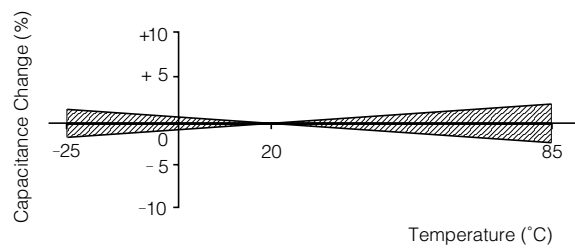
Part Number		Capacitance (pF)		Temperature Coefficient (ppm/°C)	Q (at 1 MHz, C max.)	Color
Type A	Type E	max.	min.			
ECRJA003A11□	ECRJE003A11□	3 ⁺⁵⁰ ₀ %	1.7 max.	NP0±200	300 min.(10 MHz)	White
ECRJA006A11□	ECRJE006A11□	6 ⁺⁵⁰ ₀ %	2.5 max.	NP0±200	500 min. (10 MHz)	Blue
ECRJA010A11□	ECRJE010A11□	10 ⁺⁵⁰ ₀ %	3.5 max.	NP0±300		White
ECRJA020E11□	ECRJE020E11□	20 ⁺⁵⁰ ₀ %	5.5 max.	N900±350		Red
ECRJA030E11□	ECRJE030E11□	30 ⁺⁵⁰ ₀ %	7.5 max.	N1100±450	300 min.(1 MHz)	Green
ECRJA050M11□	ECRJE050M11□	50 ⁺¹⁰⁰ ₀ %	15.0 max.	N2000±600	200 min.(1 MHz)	Orange

■ Dimensions in mm (not to scale)

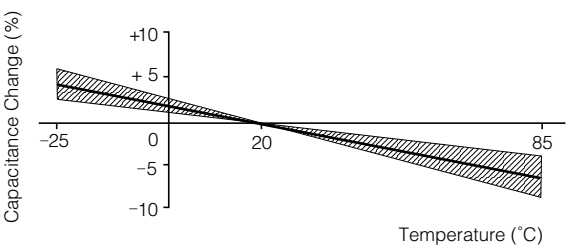
Type	A	E
Dimensions in mm	ECRJA□□□□□□□□ 	ECRJE□□□□□□□□ 
Recommended Land Layout		

■ Typical Characteristics
Temperature Characteristics

ECRJA010A□□



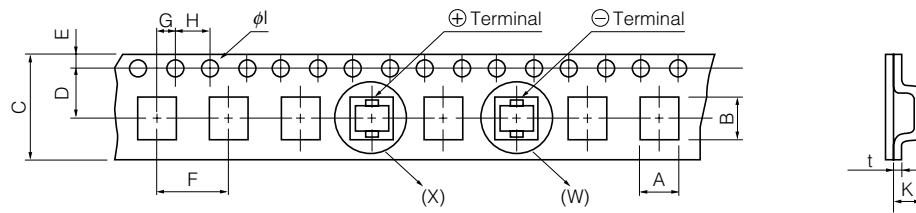
ECRJA020E□□



■ Packaging Specifications

● Dimensions in mm (not to scale)

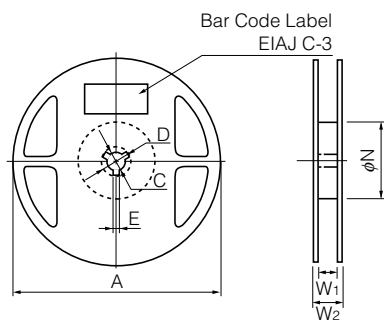
Carrier Tape



A	B	C	D	E	F	G	H	ϕl	K	t
4.5±0.2	5.4±0.2	12.0±0.3	5.5±0.1	1.75±0.10	8.0±0.1	2.0±0.1	4.0±0.1	1.5±0.1	3.2±0.2	0.30±0.05

● Dimensions in mm (not to scale)

Reel



A	C	D	E	ϕN	W ₁	W ₂
180	13	21	2.0	60	13.0	15.4
330	13	22	2.5	80	13.0	19.0

● Packaging Quantity

Taped Type	Part Number	Reel (mm)	Packaging Quantity
X	ECRJ□□□□□□□X	φ180	700 pcs.
	ECRJ□□□□□□□A	φ330	2500 pcs.
W	ECRJ□□□□□□□W	φ180	700 pcs.
	ECRJ□□□□□□□B	φ330	2500 pcs.

Reusable Reel EIAJ ET-7200 : RRM12B