

Polyester and Polypropylene Film Capacitor

Type: **ECQK(Z)**

Non-inductive construction using Polyester and Polypropylene mixed dielectric with flame retardant epoxy resin coating

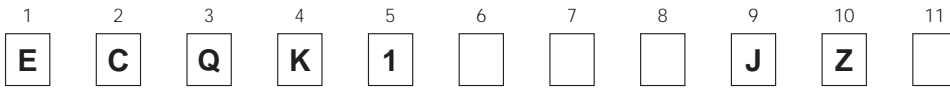
■ Features

- ◆ Excellent temperature coefficient
- ◆ Excellent electrical characteristics

■ Recommended Applications

- ◆ Dolby circuits
- ◆ Oscillation circuits
- ◆ Timing circuit

■ Explanation of Part Numbers



Product code Dielectric & construction Rated volt. Capacitance Cap. Tol. Suffix Suffix

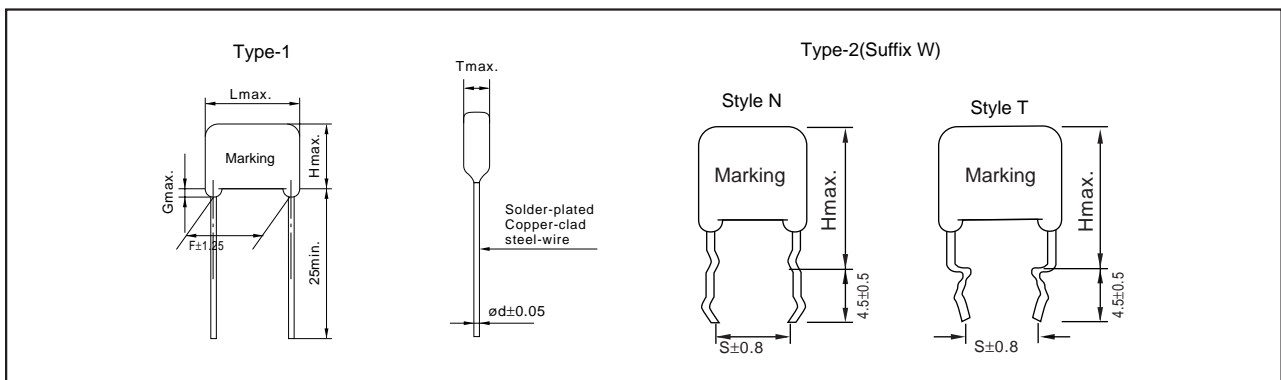
±2%	±5%	±10%
G	J	K

Taping		Crimped lead	
Ammo	Reel	Type-1	Type-2
Crimped	Crimped		Style N Style T
3	9	Blank	W

■ Specifications

Category temp. range	-40 to +85°C
Rated voltage	100VDC
Capacitance range	0.001 to 0.47μF
Capacitance tolerance	±2%(G), ±5%(J), ±10%(K)
Dissipation factor	0.6%max. (20°C, 1kHz)
Withstand voltage	Between terminals : Rated volt.(VDC)×250% 1 to 5s
Insulation resistance	C ≤ 0.33μF : 9000MΩmin. C > 0.33μF : 3000MΩ · μFmin. (20°C, 100VDC 60s)

■ Dimensions in mm(not to scale)

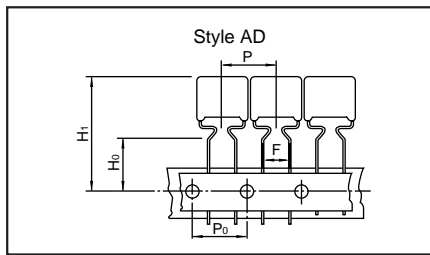


■ Packaging Specifications for Bulk Package

Packing quantity: 100pcs./bag

■ Taping Specifications for Automatic Insertion

● Taping style



● Packaging Specifications

Type	Rated volt.	Cap. range (μF)	Taping style						Packing
			AD	AS	B	C	D	E	
ECQK (Z)	100VDC	0.001 to 0.01	○						Ammo
		0.001 to 0.01	○						Reel

● Lead Spacing

Style	Lead Spacing
AD	5.0mm

*See the column "Rating, Dimensions & Quantity Box" for packing quantity.

■ Rating, Dimensions & Quantity/Ammo Box

● Rated voltage : 100VDC, Capacitance tolerance : ±2%(G), ±5%(J), ±10%(K)

Part No.	Cap. (μF)	Dimensions (mm)									Quantity	
		L max.	T max.	H max.		F	S		G max.	ød	Ammo	Reel
				Type-1	Type-2		Type-1	Type-2				
ECQK1102□Z()	0.001	10.0	5.0	8.0	13.0	5.50	5.0	1.0	0.60	1,000	1,000	
ECQK1122□Z()	0.0012	10.0	5.5	8.5	13.5	5.50	5.0	1.0	0.60			
ECQK1152□Z()	0.0015	10.0	5.0	8.0	13.0	5.50	5.0	1.0	0.60			
ECQK1182□Z()	0.0018	10.0	5.0	8.5	13.5	5.50	5.0	1.0	0.60			
ECQK1222□Z()	0.0022	10.0	5.0	8.0	13.0	5.50	5.0	1.0	0.60			
ECQK1272□Z()	0.0027	10.0	5.0	8.0	13.0	5.50	5.0	1.0	0.60			
ECQK1332□Z()	0.0033	10.0	5.5	8.5	13.5	5.50	5.0	1.0	0.60			
ECQK1392□Z()	0.0039	10.0	5.0	8.0	13.0	5.50	5.0	1.0	0.60			
ECQK1472□Z()	0.0047	10.0	5.0	8.5	13.5	5.50	5.0	1.0	0.60			
ECQK1562□Z()	0.0056	10.0	5.0	8.5	13.5	5.50	5.0	1.0	0.60			
ECQK1682□Z()	0.0068	10.0	5.5	8.5	13.5	5.50	5.0	1.0	0.60			
ECQK1822□Z()	0.0082	10.0	6.0	9.0	14.0	5.50	5.0	1.0	0.60			
ECQK1103□Z()	0.01	13.0	5.0	8.0	13.0	8.50	5.0	1.0	0.60			
ECQK1123□Z()	0.012	13.0	5.0	8.0	13.0	8.50	5.0	1.0	0.60			
ECQK1153□Z()	0.015	13.0	5.0	9.0	14.0	8.50	5.0	1.0	0.60			
ECQK1183□Z()	0.018	13.0	5.0	9.0	14.0	8.50	5.0	1.0	0.60			
ECQK1223□Z()	0.022	13.0	5.5	9.5	14.5	8.50	5.0	1.0	0.60			
ECQK1273□Z()	0.027	13.0	6.0	9.5	14.5	8.50	5.0	1.0	0.60			
ECQK1333□Z()	0.033	13.0	6.5	10.5	15.5	8.50	5.0	1.0	0.60			
ECQK1393□Z()	0.039	13.0	7.0	11.0	16.0	8.50	5.0	1.0	0.60			
ECQK1473□Z()	0.047	13.0	7.5	11.5	16.5	8.50	5.0	1.0	0.60			
ECQK1563□Z()	0.056	16.0	6.0	11.5	16.5	11.50	7.5	1.0	0.60			
ECQK1683□Z()	0.068	16.0	6.5	12.5	17.5	11.50	7.5	1.0	0.60			
ECQK1823□Z()	0.082	16.0	7.5	13.0	18.0	11.50	7.5	1.0	0.60			
ECQK1104□Z()	0.1	16.0	8.5	14.0	19.0	11.50	7.5	1.0	0.60			
ECQK1124□Z()	0.12	16.0	9.5	14.5	19.5	11.50	7.5	1.0	0.60			
ECQK1154□Z()	0.15	16.0	10.0	15.5	20.5	11.50	7.5	1.0	0.60			
ECQK1184□Z()	0.18	18.0	9.5	16.5	21.5	13.50	10.0	1.0	0.60			
ECQK1224□Z()	0.22	18.0	10.0	17.5	22.5	13.50	10.0	1.0	0.60			
ECQK1274□Z()	0.27	18.0	11.0	18.5	23.5	13.50	10.0	1.0	0.80			
ECQK1334□Z()	0.33	25.0	9.5	18.0	23.0	19.50	15.0	1.0	0.80			
ECQK1394□Z()	0.39	25.0	10.0	19.0	24.0	19.50	15.0	1.0	0.80			
ECQK1474□Z()	0.47	25.0	11.0	20.0	25.0	19.50	15.0	1.0	0.80			

↑ Suffix for lead crimped or taped type
 ↑ Cap. tol. code

StyleN:0.001 to 0.0082 μF
 StyleT:0.01 to 0.47 μF