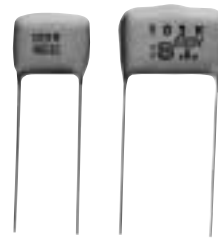


Polyester Film Capacitor

Type: **ECQM**

Designed for high density insertion applications



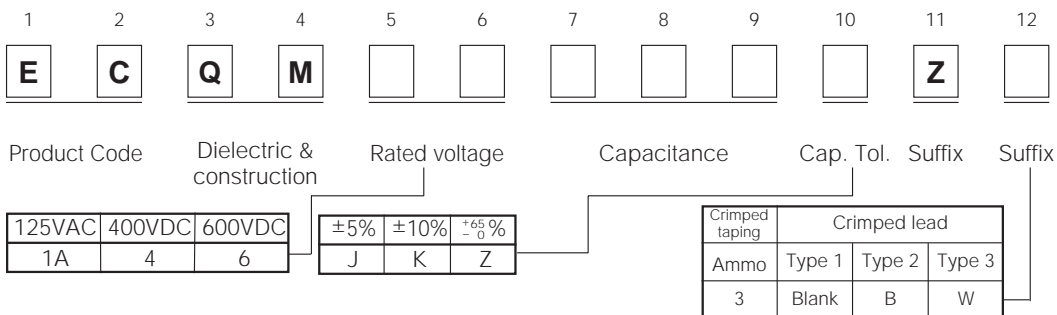
■ Features

- ◆ Non-inductive construction
- ◆ Excellent moisture resistance

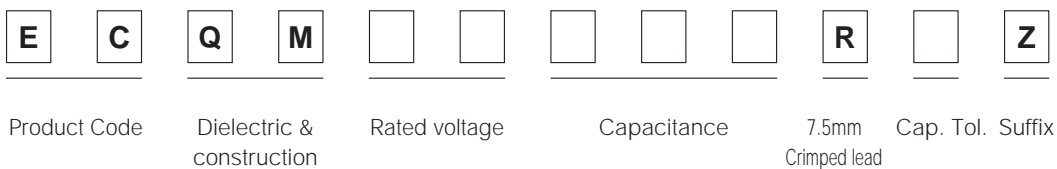
■ Recommended Applications

- ◆ General purpose
- ◆ Noise suppression for lighting products

■ Explanation of Part Numbers



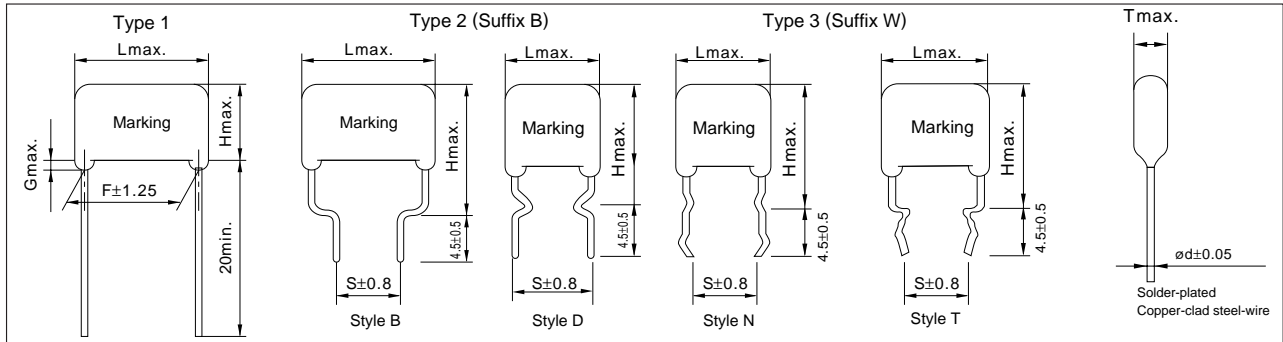
● Explanation of Part Numbers for Odd Size Taping



■ Specifications

Category temp. range	-40 to +85°C
Rated voltage	400VDC, 600VDC, 125VAC
Capacitance range	0.001 to 0.47μF
Capacitance tolerance	± 5%(J), ± 10%(K), +65% _{-0%} (Z)
Dissipation factor	1.0%max.(20°C, 1kHz)
Withstand voltage	Between terminals : Rated volt.(VDC)×250% 1 to 5s 125VAC×230% 60s(For type 1A only) Between terminals to enclosure : 1000VAC 60s(For type 1A only)
Insulation resistance	C ≤ 0.33μF : 30000MΩ min. (20°C, 100VDC 60s) C > 0.33μF : 10000MΩ · 0μFmin. 2000MΩmin. (20°C, 500VDC 60s)(For type 1A only)

■Dimensions in mm(not to scale)

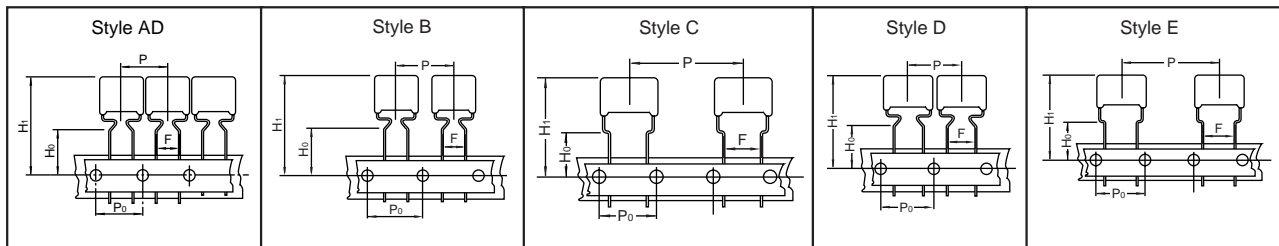


■Packaging Specifications for Bulk Package

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	
ECQM	400VDC	0.001 to 0.0039	○					Ammo
		0.0047 to 0.01			○			Ammo
		0.0027 to 0.01					○	Ammo
		0.012 to 0.068						○
	600VDC	0.001 to 0.0015	○					Ammo
		0.0022 to 0.022				○		Ammo

●Lead Spacing

Style	Lead Spacing
AD	5.0mm
B	5.0mm
C	5.0mm
D	7.5mm
E	7.5mm

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

■ Rating, Dimensions & Quantity/Ammo Box

● Rated voltage : 400VDC Capacitance tolerance : ±5%(J), ±10%(K)

Part No.	Cap. (μF)	Dimensions (mm)								Quantity
		L _{max.}	T _{max.}	H _{max.}		F	S	G _{max.}	ød	Ammo
				Type-1	Type-2 ₃					Type-1
ECQM4102□Z()	0.001	11.0	5.5	9.5	14.5	6.50	5.0	2	0.60	1000
ECQM4122□Z()	0.0012	11.0	6.0	10.0	15.0	6.50	5.0	2	0.60	
ECQM4152□Z()	0.0015	11.0	6.0	10.0	15.0	6.50	5.0	2	0.60	
ECQM4182□Z()	0.0018	11.0	6.0	10.0	15.0	6.50	5.0	2	0.60	
ECQM4222□Z()	0.0022	11.0	6.5	10.5	15.5	6.50	5.0	2	0.60	
ECQM4272□Z()	0.0027	12.0	6.0	10.0	15.0	7.50	5.0	2	0.60	
ECQM4332□Z()	0.0033	12.0	6.5	10.5	15.0	7.50	5.0	2	0.60	
ECQM4392□Z()	0.0039	12.0	6.5	10.5	15.0	7.50	5.0	2	0.60	
ECQM4472□Z()	0.0047	14.0	6.0	10.0	15.0	9.50	5.0	2	0.60	
ECQM4562□Z()	0.0056	14.0	6.0	10.0	15.0	9.50	5.0	2	0.60	
ECQM4682□Z()	0.0068	14.0	6.5	10.5	15.5	9.50	5.0	3	0.60	
ECQM4822□Z()	0.0082	14.0	6.5	12.0	17.0	9.50	5.0	3	0.60	
ECQM4103□Z()	0.01	14.0	7.0	12.5	17.5	9.50	5.0	3	0.60	
ECQM4123□Z()	0.012	17.0	6.0	12.0	17.0	12.50	7.5	3	0.60	
ECQM4153□Z()	0.015	17.0	6.5	12.5	17.5	12.50	7.5	3	0.60	
ECQM4183□Z()	0.018	17.0	7.0	13.0	18.0	12.50	7.5	3	0.60	
ECQM4223□Z()	0.022	17.0	7.5	13.5	18.5	12.50	7.5	3	0.60	
ECQM4273□Z()	0.027	20.0	7.0	14.5	19.5	15.00	10.0	3	0.70	
ECQM4333□Z()	0.033	20.0	7.5	15.0	20.0	15.00	10.0	3	0.70	
ECQM4393□Z()	0.039	20.0	8.5	16.0	21.0	15.00	10.0	3	0.70	
ECQM4473□Z()	0.047	20.0	9.0	16.5	21.5	15.00	10.0	3	0.70	
ECQM4563□Z()	0.056	23.0	8.5	15.5	20.5	18.00	12.5	3	0.70	
ECQM4683□Z()	0.068	23.0	9.0	16.5	21.5	18.00	12.5	3	0.70	
ECQM4823□Z()	0.082	24.0	9.5	17.0	22.0	18.00	12.5	3	0.80	
ECQM4104□Z()	0.1	24.0	10.0	19.0	24.0	18.00	12.5	3	0.80	
ECQM4124□Z()	0.12	24.0	11.0	20.0	25.0	18.50	12.5	3	0.80	
ECQM4154□Z()	0.15	24.0	12.5	21.0	26.0	18.50	12.5	3	0.80	
ECQM4184□Z()	0.18	28.0	12.5	21.5	26.5	23.50	15.0	3	0.80	
ECQM4224□Z()	0.22	28.0	14.0	23.0	28.0	23.50	15.0	3	0.80	
ECQM4274□Z()	0.27	28.0	15.5	24.5	29.5	23.50	15.0	3	0.80	
ECQM4334□Z()	0.33	28.0	17.5	26.5	31.5	23.50	15.0	3	0.80	
ECQM4394□Z()	0.39	34.0	16.0	26.5	31.5	28.50	17.5	3	0.80	
ECQM4474□Z()	0.47	34.0	17.5	28.0	33.0	28.50	17.5	3	0.80	

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

StyleD:0.001 to 0.0039 μF
 StyleB:0.0047 to 0.47 μF
 StyleN:0.001 to 0.0022 μF
 StyleT:0.0027 to 0.47 μF

■ Rating, Dimensions & Quantity/Ammo Box

● Rated voltage : 600VDC Capacitance tolerance : ±5%(J), ±10%(K)

Part No.	Cap. (μF)	Dimensions (mm)								Quantity	
		L ^{max.}	T ^{max.}	H ^{max.}		F±1.25	S±0.8	G ^{max.}	ød	Ammo	
				Type-1	Type-2 ³	Type-1	Type-2 ³	Type-1	±0.05		
ECQM6102□Z()	0.001	13.0	7.0	11.0	15.0	7.50	7.5	3	0.60	1000	
ECQM6122□Z()	0.0012	13.0	7.5	11.0	15.0	7.50	7.5	3	0.60		
ECQM6152□Z()	0.0015	13.0	7.5	11.0	15.0	7.50	7.5	3	0.60		
ECQM6182□Z()	0.0018	15.0	7.0	11.0	15.0	9.50	10.0	3	0.60	—	
ECQM6222□Z()	0.0022	15.0	7.0	11.0	15.0	9.50	10.0	3	0.60	500	
ECQM6272□Z()	0.0027	15.0	7.5	11.0	15.0	9.50	10.0	3	0.60		
ECQM6332□Z()	0.0033	15.0	7.5	11.0	15.0	9.50	10.0	3	0.60		
ECQM6392□Z()	0.0039	15.0	7.5	13.0	17.0	9.50	10.0	3	0.60	—	
ECQM6472□Z()	0.0047	15.0	7.5	13.0	17.0	9.50	10.0	3	0.60	400	
ECQM6562□Z()	0.0056	15.0	8.5	14.0	18.0	9.50	10.0	3	0.60		
ECQM6682□Z()	0.0068	15.0	8.5	14.0	18.0	9.50	10.0	3	0.60		
ECQM6822□Z()	0.0082	20.0	7.0	14.0	18.0	14.50	10.0	3	0.60	300	
ECQM6103□Z()	0.01	20.0	7.0	14.0	18.0	14.50	10.0	3	0.60		
ECQM6123□Z()	0.012	20.0	8.0	15.0	19.0	14.50	10.0	3	0.60		
ECQM6153□Z()	0.015	20.0	8.0	15.0	19.0	14.50	10.0	3	0.60	—	
ECQM6183□Z()	0.018	20.0	9.5	16.0	20.0	14.50	10.0	3	0.60		
ECQM6223□Z()	0.022	20.0	9.5	16.0	20.0	14.50	10.0	3	0.60		
ECQM6273□Z()	0.027	25.5	9.0	16.0	21.0	19.50	12.5	4	0.70	—	
ECQM6333□Z()	0.033	25.5	9.0	16.0	21.0	19.50	12.5	4	0.70		
ECQM6393□Z()	0.039	25.5	10.5	17.0	22.0	19.50	12.5	4	0.70		
ECQM6473□Z()	0.047	25.5	10.5	17.0	22.0	19.50	12.5	4	0.70	—	
ECQM6563□Z()	0.056	25.5	13.5	20.0	25.0	19.50	12.5	4	0.70		
ECQM6683□Z()	0.068	25.5	13.5	20.0	25.0	19.50	12.5	4	0.70		
ECQM6823□Z()	0.082	25.5	13.5	23.0	28.0	19.50	12.5	4	0.80	—	
ECQM6104□Z()	0.1	25.5	13.5	23.0	28.0	19.50	12.5	4	0.80		
ECQM6124□Z()	0.12	37.0	11.0	23.0	28.0	30.50	20.0	4	0.80		
ECQM6154□Z()	0.15	37.0	11.0	23.0	28.0	30.50	20.0	4	0.80	—	
ECQM6184□Z()	0.18	37.0	13.5	25.0	30.0	30.50	20.0	4	0.80		
ECQM6224□Z()	0.22	37.0	13.5	25.0	30.0	30.50	20.0	4	0.80		

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

StyleD:0.001 to 0.0068 μF
 StyleB:0.0082 to 0.22 μF
 StyleN:0.001 to 0.0068 μF
 StyleT:0.0082 to 0.22 μF

● Rated voltage:125VAC, Capacitance tolerance : ± 65%(Z)

Noise suppression capacitor for low switch

Part No.	Cap. (μF)	Dimensions (mm)			
		L ^{max.}	T ^{max.}	H ^{max.}	G ^{max.}
ECQM1A602ZS	0.006	17.5	6.5	11.5	6.0

● This capacitor is used for low noise suppression for lighting products.

Consult us for specifications of our other products other than mentioned here.