

## Metallized Polypropylene Film Capacitors

Type: **ECWH(A)**

Designed for high frequency and pluse applications.

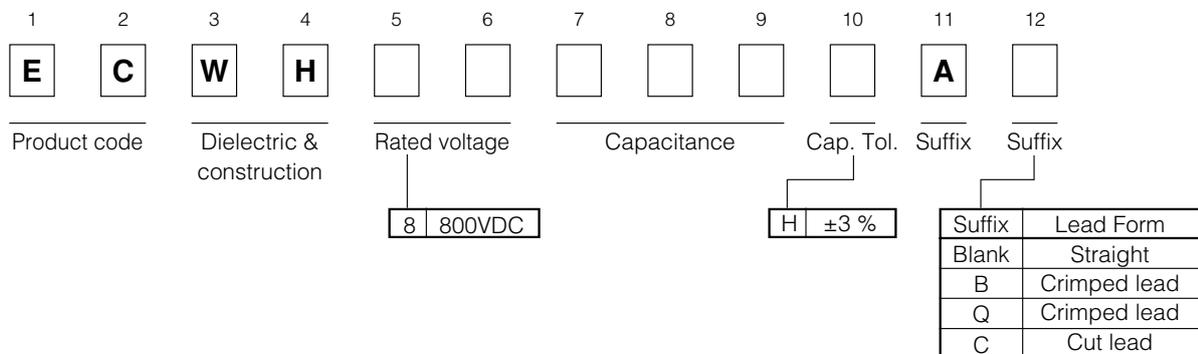
### ■Features

- Small size
- Excellent electrical characteristics
- Low loss
- Low Hum Sound Noise
- Flame-retardant epoxy resin coating
- RoHS directive compliant

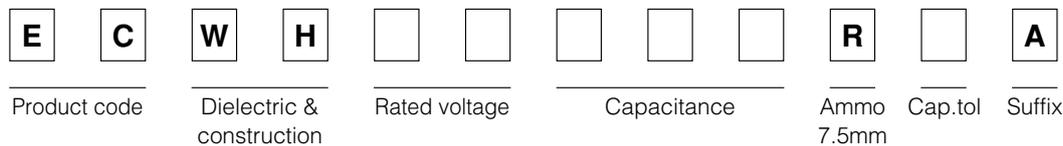
### ■Recommended Applications

- Resonant circuit, Electronic ballast

### ■Explanation of Part Numbers



### ■Explanation of Part Number for Odd Size Taping

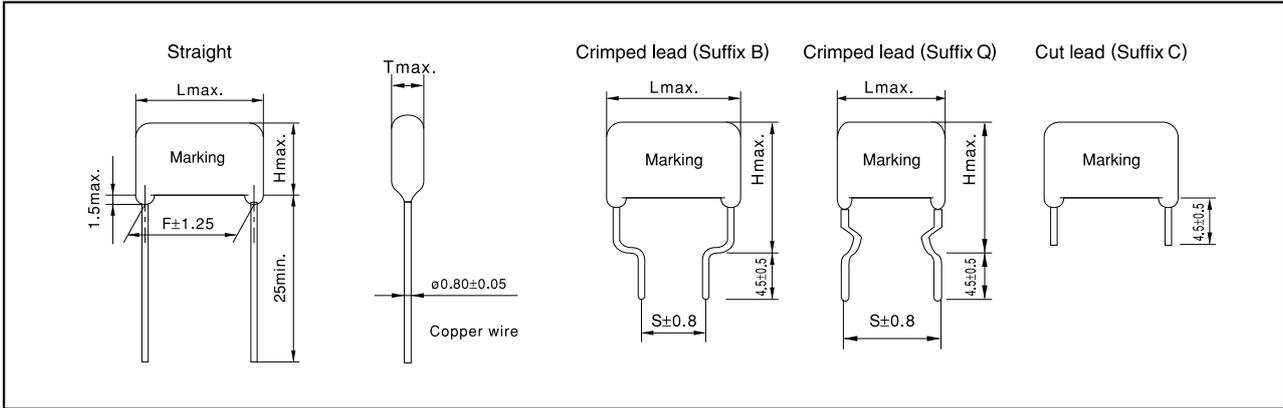


### ■Specifications

Category temp. range (Including temperature-rise on unit surface)	-40 °C to + 105 °C
Rated voltage	800 VDC
Capacitance range	0.010 μF to 0.047 μF
Capacitance tolerance	± 3 % (H)
Dissipation factor (tan δ)	tan δ ≤ 0.1 % (20°C, 1kHz) tan δ ≤ 0.2 % (20°C, 10kHz)
Withstand voltage	Between terminals : Rated volt. (VDC) × 150 % 60 s
Insulation resistance (IR)	IR ≥ 30000 MΩ (20 °C, 500 VDC, 60 s)

\* In case of applying voltage in alternating current (50 Hz or 60 Hz sine wave) to a capacitor with DC rated voltage, please refer to the page of "Permissible voltage (R.M.S) in alternating current corresponding to DC rated voltage".

### ■Dimensions in mm (not to scale)

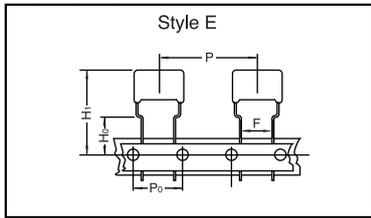


### ■Packaging Specifications for Bulk Package

Packing quantity : 100 pcs./bag

### ■Taping Specifications for Automatic Insertion

#### ● Taping style



\*Refer to the page of taping specifications.

#### ●Packaging Specifications

Type	Rated volt.	Cap. range (μF)	Taping style					Packing	
			AD	AS	B	C	D		E
ECWH(A)	800 VDC	0.010 to 0.047						○	Ammo

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

#### ●Lead Spacing

Style	Lead Spacing
E	7.5 mm

### ■Rating & Dimensions

#### ●Rated voltage : 800 VDC Capacitance tolerance : ±3 % (H)

Part No.	Cap. (μF)	Dimensions (mm)										Min. order Qty	
		L <sub>max.</sub>	T <sub>max.</sub>	H <sub>max.</sub>			F	S		G <sub>max.</sub>	ød		Taping 7.5mm
				Straight	Crimped lead (Suffix B)	Crimped lead (Suffix Q)		Crimped lead (Suffix B)	Crimped lead (Suffix Q)				
ECWH8103□A( )	0.010	15.4	5.4	9.8	14.8	14.8	12.5	7.5	12.5	1.5	0.6	500	
ECWH8123□A( )	0.012	15.4	5.8	10.2	15.2	15.2	12.5	7.5	12.5	1.5	0.6		
ECWH8153□A( )	0.015	15.4	6.2	10.6	15.6	15.6	12.5	7.5	12.5	1.5	0.6		
ECWH8183□A( )	0.018	15.7	6.6	11.0	16.0	18.0	12.5	7.5	12.5	1.5	0.8		
ECWH8223□A( )	0.022	15.7	7.1	11.5	16.5	18.5	12.5	7.5	12.5	1.5	0.8	400	
ECWH8273□A( )	0.027	15.7	7.6	12.0	17.0	19.0	12.5	7.5	12.5	1.5	0.8		
ECWH8333□A( )	0.033	15.7	8.4	12.8	17.8	19.8	12.5	7.5	12.5	1.5	0.8	300	
ECWH8393□A( )	0.039	15.7	8.9	13.3	18.3	20.3	12.5	7.5	12.5	1.5	0.8		
ECWH8473□A( )	0.047	15.7	9.7	14.1	19.1	21.1	12.5	7.5	12.5	1.5	0.8		

