

Metallized Polypropylene Film Capacitors

Type: **ECWH(A)**

Designed for high frequency and pluse applications.

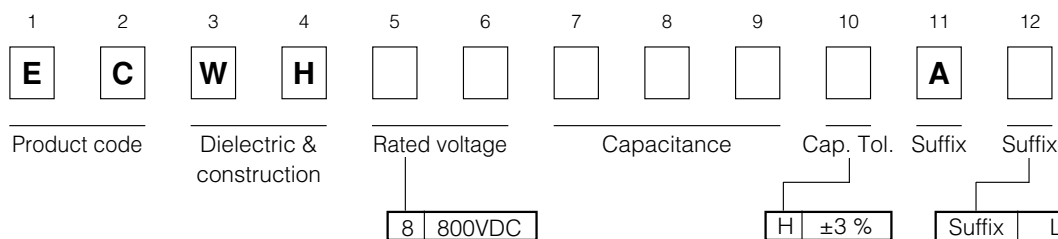
■Features

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

■Recommended Applications

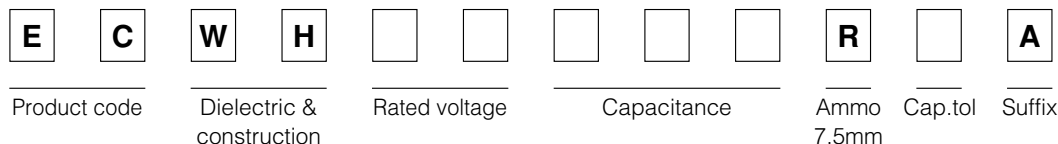
- Resonant circuit, Electronic ballast

■Explanation of Part Numbers



Suffix	Lead Form
Blank	Straight
B	Crimped lead
Q	Crimped lead
C	Cut lead

■Explanation of Part Number for Odd Size Taping

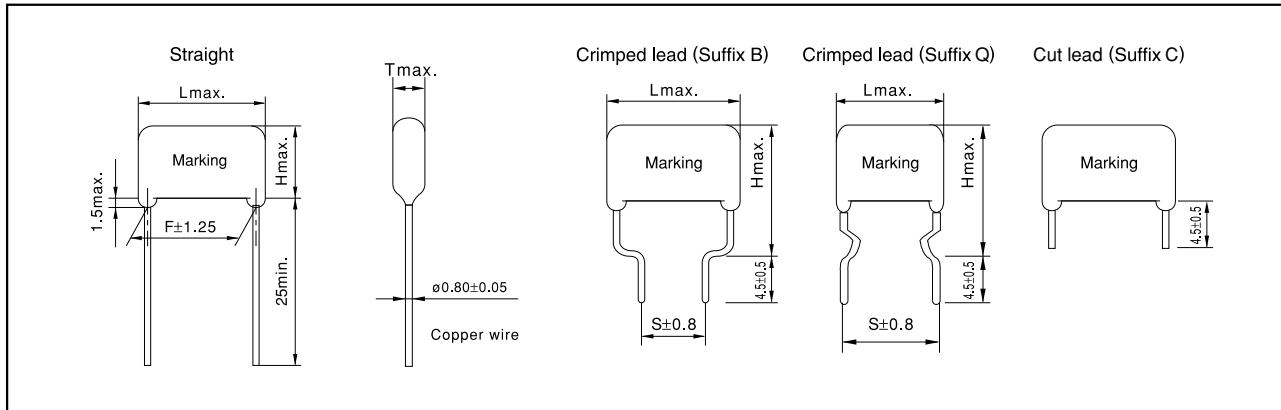


■Specifications

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)

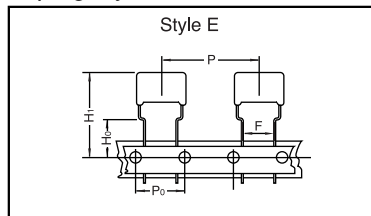


■Packaging Specifications for Bulk Package

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 (μ F)	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 : $\pm 3\%$ (H)

Part No.	Cap. (μ F)	Dimensions (mm)										Min. order Q'ty	
		L _{max}	T _{max}	H _{max.}			F	S		G _{max.}	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	400	
ECWH8223□A()	0.022	15.7	7.1	11.5	16.5	18.5	12.5	7.5	12.5	1.5	0.8		
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		

↑ Suffix for lead crimped taped type
 ↑ Capacitance tolerance code