

High Sound Quality PPS Film Capacitor

Type: **ECHR**

Non-inductive construction using PPS film with Copper foil as electrode, O.F.C. wire and epoxy resin coating



■Features

- Improvement of sound quality
- Excellent electrical characteristics

■Recommended Applications

- High fidelity circuit in audio video etc.

■Explanation of Part Numbers

1	2	3	4	5	6	7	8	9	10	11	12
E	C	H	R	1	H					Z	

Product code

Dielectric & construction

Rated volt.

Capacitance

Cap. Tol.

Suffix

Suffix

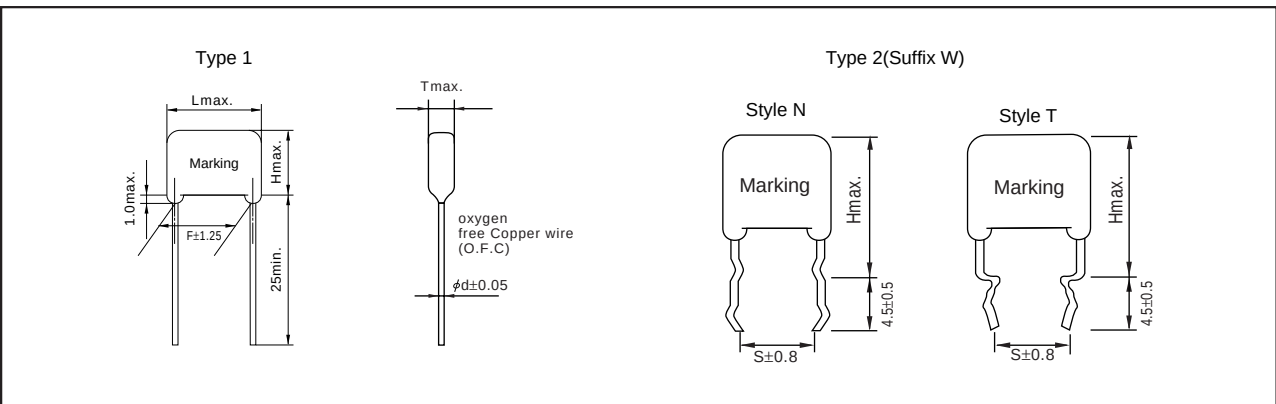
±2%	±5%
G	J

Taping				Crimped lead	
Ammo		Reel		Type 1	Type 2
Straight	Crimped	Straight	Crimped		
2	3	5	9	Blank	W

■Specifications

Category temp. range	-40 to + 85°C
Rated voltage	50VDC
Capacitance range	0.0001 to 0.1μF
Capacitance tolerance	±2%(G), ±5%(J)
Dissipation factor	0.3%max. (20°C, 1kHz)
Withstand voltage	Between terminals : Rated volt.(VDC)×250% 1 to 5s
Insulation resistance	45000MΩmin. (20°C, 50VDC 60s)

■Dimensions in mm(not to scale)

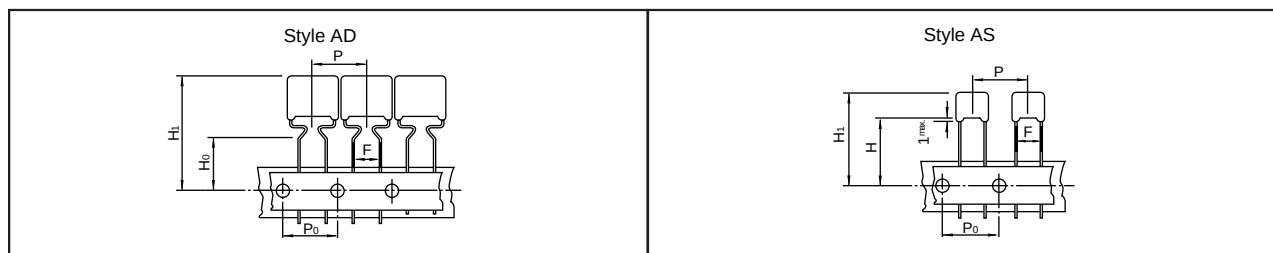


■Packaging Specifications for Bulk Package

Packing quantity: 100pcs./bag

■ Taping Specifications for Automatic Insertion

● Taping style



※ See page 22 for Taping dimensions

● Packaging Specifications

Type	Rated volt.	Cap. range (μF)	Taping style						Packing
			AD	AS	B	C	D	E	
ECHR	50VDC	0.0001 to 0.022	○						Ammo
		0.0001 to 0.0039		○					Ammo
		0.0001 to 0.022	○						Reel
		0.0001 to 0.0039		○					Reel

● Lead Spacing

Style	Lead Spacing
AD	5.0mm
AS	5.0mm

※ See the column "Rating, Dimensions & Quantity/Box & Reel" for packing quantity.

■ Rating, Dimensions & Quantity/Box & Reel

● Rated voltage : 50VDC, Capacitance tolerance : ±2%(G), ±5%(J)

Part No.	Cap. (μF)	Dimensions (mm)								Quantity	
		L max.	T max.	H max.		F	S		ød	Ammo	Reel
				Type-1	Type-2		Type-1	Type-2			
ECHR1H101	Z()	0.0001	8.5	4.0	7.5	12.5	5.00	5.0	0.60	1000	1000
ECHR1H121	Z()	0.00012	8.5	4.0	7.5	12.5	5.00	5.0	0.60		
ECHR1H151	Z()	0.00015	8.5	4.0	7.5	12.5	5.00	5.0	0.60		
ECHR1H181	Z()	0.00018	8.5	4.0	7.5	12.5	5.00	5.0	0.60		
ECHR1H221	Z()	0.00022	8.5	4.0	7.5	12.5	5.00	5.0	0.60		
ECHR1H271	Z()	0.00027	8.5	4.0	7.5	12.5	5.00	5.0	0.60		
ECHR1H331	Z()	0.00033	8.5	4.0	7.5	12.5	5.00	5.0	0.60		
ECHR1H391	Z()	0.00039	8.5	4.0	7.5	12.5	5.00	5.0	0.60		
ECHR1H471	Z()	0.00047	8.5	4.0	7.5	12.5	5.00	5.0	0.60		
ECHR1H561	Z()	0.00056	8.5	4.0	7.5	12.5	5.00	5.0	0.60		
ECHR1H681	Z()	0.00068	8.5	4.0	7.5	12.5	5.00	5.0	0.60		
ECHR1H821	Z()	0.00082	8.5	4.0	7.5	12.5	5.00	5.0	0.60		
ECHR1H102	Z()	0.001	8.5	4.5	8.0	13.0	5.00	5.0	0.60		
ECHR1H122	Z()	0.0012	8.5	4.5	8.0	13.0	5.00	5.0	0.60		
ECHR1H152	Z()	0.0015	8.5	4.5	8.0	13.0	5.00	5.0	0.60		
ECHR1H182	Z()	0.0018	8.5	4.5	8.0	13.0	5.00	5.0	0.60		
ECHR1H222	Z()	0.0022	8.5	4.5	8.0	13.0	5.00	5.0	0.60		
ECHR1H272	Z()	0.0027	8.5	4.5	8.0	13.0	5.00	5.0	0.60		
ECHR1H332	Z()	0.0033	8.5	4.5	8.0	13.0	5.00	5.0	0.60		
ECHR1H392	Z()	0.0039	8.5	4.5	8.0	13.0	5.00	5.0	0.60		
ECHR1H472	Z()	0.0047	12.0	4.5	7.5	12.5	7.50	5.0	0.60	500	—
ECHR1H562	Z()	0.0056	12.0	4.5	7.5	12.5	7.50	5.0	0.60		
ECHR1H682	Z()	0.0068	12.0	5.0	8.0	13.0	7.50	5.0	0.60		
ECHR1H822	Z()	0.0082	12.0	5.0	8.0	13.0	7.50	5.0	0.60		
ECHR1H103	Z()	0.01	12.0	5.5	8.5	13.5	7.50	5.0	0.60		
ECHR1H123	Z()	0.012	12.0	5.5	8.5	13.5	7.50	5.0	0.60		
ECHR1H153	Z()	0.015	12.0	5.5	8.5	13.5	7.50	5.0	0.60		
ECHR1H183	Z()	0.018	12.0	5.5	8.5	13.5	7.50	5.0	0.60		
ECHR1H223	Z()	0.022	12.0	6.0	9.0	14.0	7.50	5.0	0.60	—	—
ECHR1H273	Z()	0.027	14.0	5.0	10.0	15.0	10.00	5.0	0.60		
ECHR1H333	Z()	0.033	14.0	5.5	10.0	15.0	10.00	5.0	0.60		
ECHR1H393	Z()	0.039	14.0	6.0	10.5	15.5	10.00	5.0	0.60		
ECHR1H473	Z()	0.047	14.0	6.5	11.0	16.0	10.00	5.0	0.60		
ECHR1H563	Z()	0.056	14.0	7.0	11.5	16.5	10.00	5.0	0.60		
ECHR1H683	Z()	0.068	17.0	6.5	11.0	16.0	12.50	5.0	0.60		
ECHR1H823	Z()	0.082	17.0	7.0	11.5	16.5	12.50	5.0	0.60		
ECHR1H104	Z()	0.1	17.0	7.5	12.0	17.0	12.50	5.0	0.60		

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

StyleN:0.0001 to 0.0039 μF
StyleT:0.0047 to 0.1 μF