

HDBM - Mini Metallized Polyester Film Capacitors – CL21X

General Feature

Winding with metallized polyester film, Small size, Wide capacitance
Across the line application
Good insulation resistance, Good voltage proof, sealed with high temperature resistance wax.
Good self-healing property, high stability and high reliability
Widely used in filtering low pulse circuit application, telecommunication products, TV, LED driver etc.

General Specification

Climate Category	40/105/21	
Rated Voltage	63V/100V, 250V, 400V, 630V (DC)	
Capacitance Range	0.001μF~6.8μF	
Tolerance	±5% (J), ±10% (K)	
Voltage Proof	1.5UR	
Insulation Resistance	CR ≤ 0.33μF ≥3000 MΩ CR >0.33μF ≥1000 S (20°C, 1 min)	
Dissipation Factor	≤0.001% (20°C, 1kHz)	

Pitch=5mm

Size: mm

Cap μF	63/100V			250V			400V			630V		
	W max	H max	T max	W max	H max	T max	W max	H max	T max	W max	H max	T max
0.001	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5
0.0012	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5
0.0015	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5
0.0018	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5
0.0022	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5
0.0027	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5
0.0033	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5
0.0039	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5
0.0047	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5
0.0056	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5
0.0068	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5
0.0082	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5	8.2	8.5	5.5
0.01	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5	8.2	9	5.8
0.012	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5	8.2	9.5	6
0.015	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5	8.2	9.8	6.2
0.018	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5	8.2	10	6.3
0.022	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5	8.2	10.3	6.5
0.027	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5	8.2	10.5	6.6
0.033	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5	8.2	10.8	6.8
0.039	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5			
0.047	8.2	8.2	5	8.2	8.2	5	8.2	8.2	5			
0.056	8.2	8.2	5	8.2	8.5	5.5	8.2	9.5	5.5			
0.068	8.2	8.2	5	8.2	8.5	5.5	8.2	10	6			
0.082	8.2	8.2	5	8.2	9.5	5.5	8.2	10	6			
0.1	8.2	8.2	5	8.2	9.5	5.5	8.2	11	6.5			

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Cap μF	63/100V			250V			400V			630V		
	W max	H max	T max	W max	H max	T max	W max	H max	T max	W max	H max	T max
0.12	8.2	8.5	5.5	8.2	10	6	8.2	11	6.5			
0.15	8.2	8.5	5.5	8.2	10	6	8.2	12	7			
0.18	8.2	8.5	5.5	8.2	11	6.5	8.2	12.5	7.5			
0.22	8.2	8.5	5.5	8.2	11	6.5	8.2	13	8			
0.27	8.2	8.5	5.5	8.2	12	7						
0.33	8.2	9.5	5.5	8.2	13	8						
0.39	8.2	9.5	5.5									
0.47	8.2	10	6									
0.56	8.2	10	6									
0.68	8.2	11	6									
0.82	8.2	12.5	6.2									
1	8.2	13	6.6									
1.5	8.2	13.5	7.5									
2.2	8.2	13.5	8									
3.3	10.2	14.5	9									
4.7	13	15.5	9									
5.6	13	16.5	9.5									

Pitch =7.5mm

Size: mm

Cap μF	100V			250V			400V		
	W max	H max	T max	W max	H max	T max	W max	H max	T max
0.01	11	9.5	5.5	11	9.5	5.5	11	9.5	5.5
0.015	11	9.5	5.5	11	9.5	5.5	11	9.5	5.5
0.022	11	9.5	5.5	11	9.5	5.5	11	9.5	5.5
0.033	11	9.5	5.5	11	9.5	5.5			
0.047	11	9.5	5.5	11	9.5	5.5	11	9.5	5.5
0.068	11	9.5	5.5	11	9.5	5.5	11	9.5	5.5
0.1	11	9.5	5.5	11	9	5.8	11	10	6
0.15	11	9.5	5.5	11	9.5	5.5	11	11	7
0.22	11	9.5	5.5	11	9.5	5.5	11	11	7
0.33	11	10	6	11	12	7	11	14	9
0.47	11	10	6	11	13	8			
0.68	11	10	6	11	14	8.5			
1	11	10.5	6	11	15	10			
1.5	11	12	6.5						
2.2	11	13	7.5						
3.3	11	14.5	8.5						