

POLYESTER FILM CAPACITOR

Type **AMC**

Features

- Very small, especially in H dimension which is of great use to save space of PC Board with height limits.

Specifications

Temp range	-40 to +85°C(+105°C) *
Rated Voltage	50V.d.c
Capacitance	0.00047 to 0.10 μ F 0.00047 to 0.00082 μ F(E-12) 0.0010 to 0.10 μ F(E-12)
Cap. tolerance	\pm 5%(J), \pm 10%(K)
Tangent of loss angle	0.008 or less (at 1kHz)
Insulation resistance	30,000M Ω or more
Endurance	85°C 70V.d.c 1000hr Δ C/C $\frac{3}{2}$ % within $\tan\delta$ 0.011 or less IR 950M Ω or more
Damp heat	40°C 90 to 95% RH 50V.d.c 500hr Δ C/C $\frac{3}{2}$ % or less $\tan\delta$ 0.012 or less IR 9000M Ω or more

* () Marked temperature shows an operational range when a voltage is derated.

	Straight lead type	Single formed lead type	
*1	0000	0050	1050
Style			
Cap range	AMC 50V.d.c(P=5) 471 to 333 AMC 50V.d.c 471 to 104	AMC 50V.d.c 393 to 104	AMC 50V.d.c 471 to 363

For a pitch space(F) of the taping specification, refer to "TAPING DIMENSIONS"

*1 Lead dimensions [Refer to "lead dimensions" ©]

Dimensions (mm)

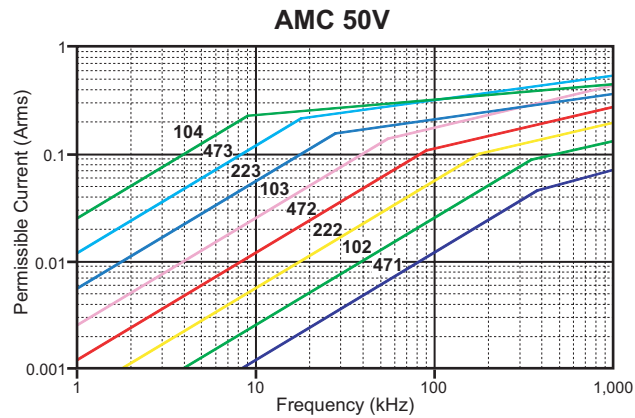
Capacitors Code	Cap(μ F)	AMC 50V.d.c Model code"0000"						AMC 50V.d.c Model code"0139"					
		W	H	T	P	F	ϕ d	W	H	T	P	F	ϕ d
471	0.00047	5.2	5.0	3.0	3.5	5.0	0.45	7.0	5.0	3.0	5.0	5.0	0.45
561	0.00056	5.0	5.0	2.7	3.5	5.0	0.45	7.0	5.0	3.0	5.0	5.0	0.45
681	0.00068	5.0	5.0	2.5	3.5	5.0	0.45	7.0	5.0	3.0	5.0	5.0	0.45
821	0.00082	5.0	5.0	2.5	3.5	5.0	0.45	7.0	5.0	3.0	5.0	5.0	0.45
102	0.0010	5.0	5.0	2.5	3.5	5.0	0.45	7.0	5.0	3.0	5.0	5.0	0.45
122	0.0012	5.0	5.0	2.5	3.5	5.0	0.45	7.0	5.0	2.8	5.0	5.0	0.45
152	0.0015	5.0	5.0	2.5	3.5	5.0	0.45	7.0	5.0	2.8	5.0	5.0	0.45
182	0.0018	5.0	5.0	2.5	3.5	5.0	0.45	7.0	5.0	2.8	5.0	5.0	0.45
222	0.0022	5.2	5.0	2.5	3.5	5.0	0.45	7.3	5.0	2.8	5.0	5.0	0.45
272	0.0027	5.2	5.0	2.5	3.5	5.0	0.45	7.3	5.0	2.8	5.0	5.0	0.45
332	0.0033	5.0	5.0	2.5	3.5	5.0	0.45	7.3	5.0	3.0	5.0	5.0	0.45
392	0.0039	5.0	5.0	2.7	3.5	5.0	0.45	7.3	5.0	3.0	5.0	5.0	0.45
472	0.0047	5.0	5.0	2.7	3.5	5.0	0.45	7.3	5.0	3.0	5.0	5.0	0.45
562	0.0056	5.0	5.0	2.7	3.5	5.0	0.45	7.3	5.0	3.0	5.0	5.0	0.45
682	0.0068	5.2	5.0	2.7	3.5	5.0	0.45	7.3	5.0	3.0	5.0	5.0	0.45
822	0.0082	5.2	5.0	2.7	3.5	5.0	0.45	7.3	5.0	3.0	5.0	5.0	0.45
103	0.010	5.2	5.0	2.7	3.5	5.0	0.45	7.3	5.0	3.0	5.0	5.0	0.45
123	0.012	5.5	5.0	3.0	3.5	5.0	0.45	7.3	5.0	3.0	5.0	5.0	0.45
153	0.015	5.8	5.0	3.2	3.5	5.0	0.45	7.5	5.0	3.3	5.0	5.0	0.45
183	0.018	6.0	5.5	3.5	3.5	5.0	0.45	7.5	5.3	3.3	5.0	5.0	0.45
223	0.022	6.2	5.5	3.8	3.5	5.0	0.45	7.5	5.3	3.3	5.0	5.0	0.45
273	0.027	6.2	6.0	3.8	3.5	5.0	0.45	7.5	5.3	3.3	5.0	5.0	0.45
333	0.033	6.7	6.0	4.0	3.5	5.0	0.45	7.5	5.3	3.8	5.0	5.0	0.45
393	0.039	7.5	6.0	4.0	5.0	5.0	0.45						
473	0.047	8.0	6.0	4.3	5.0	5.0	0.45						
563	0.056	7.2	7.0	4.2	5.0	5.0	0.45						
683	0.068	7.5	7.0	4.3	5.0	5.0	0.45						
823	0.082	8.2	7.0	4.8	5.0	5.0	0.45						
104	0.10	8.5	7.0	5.0	5.0	5.0	0.45						

- Specifications of products, materials and other contents stated in the catalog are subject to change without notice.
- When using our capacitors, please consider the application contact Nissei for the any additional technical specifications relating to the limits of our performance characteristics.

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Characteristics of permissible current to frequency



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Standard quantity packed in a box