

AMC Series 金屬化聚丙烯稀薄膜匣式電容器 (AC TYPE)

結構 CONSTRUCTION

AMC are constructed with metallized Polypropylene film dielectric, copper-clad steel lead, encapsulated in plastic case with epoxy resin sealed. They are suitable for filtering, by-pass, decoupling, coupling blocking, timing circuit and ideal for use in data processing, telecommunication equipments, industrial, automatic

聚丙烯膜介質，真空蒸金屬電極，徑向鍍錫導線點焊于電容器兩端面金屬，環氧樹脂封裝。

特點 FEATURE

- Non-inductive and self-healing.
- Low DF and high IR.
- High stability of capacitance and DF versus temperature and frequency.
- Very small inherent temperature rise.

無感型，自愈性。
低耗損，高絕緣。
容量、耗損隨溫度頻率具高穩定性。
極低內部溫升。

用途 APPLICATION

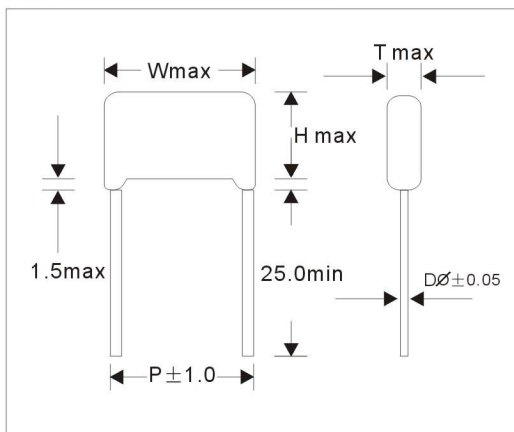
- General resonance circuit.
- Widely used in AC pulse, high frequency and high current circuit.
- Providing optimum performance with small size in s-shaping correction of Colour TV set.

諧振回路。
適用於真流、脈衝高頻回路。
適用於要求體積小性能優的電路

技術要求 SPECIFICATIONS

引用標準 Reference Standard	IEC 384-16; GB; GB 10190		
溫度範圍 Temperature Range	-40°C ~ +105°C		
靜電容量誤差 Capacitance Tolerance	M = ±20%	K = ±10%	J = ±5%
散逸因素（損耗正切） Dissipation Factor (Tangent of Loss)	≤ 0.10% (at 20°C, 1HKZ)		
耐電壓 Voltage Proof	1.6 * U _R (1 minute at 20°C)		
絕緣電阻 Insulation Resistance	C ≤ 0.10 μF IR ≥ 30,000 MΩ (1 minute at 20°C) C > 0.10 μF IR * C ≥ 3,000 MΩ and Rh ≤ 65%		
耐久性 Endurance	1000 hours with 125% of rated voltage at 85°C after the test 85°C 條件下，125% 之客定電壓 1000 小時，試驗完成后 △C/C ≤ 2% △(DF) ≤ 0.04%; CF > 0.1 ; IR * C ≥ 1500 MΩ; C ≤ 0.10 ; IR ≥ 15000 MΩ (at 20°C, 1 KHZ)		

外型圖 OUTLINE DRAWING



尺寸 DIMENSIONS

單位: Unit:mm

容量 CAPACITANCE		250VAC						400/450VAC						630VAC					
符號 SYMBOL	μF	W	H	T	P	dφ		W	H	T	P	dφ		W	H	T	P	dφ	
102~822	0.001~0.0082	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0
103	0.010	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0
153	0.015	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0
223	0.022	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	11.0	5.0
333	0.033	13.0	11.5	5.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6	13.0	12.0	6.0	10.0	0.6	13.0	12.0	6.0
473	0.047	13.0	11.5	5.0	10.0	0.6	13.0	12.0	6.0	10.0	0.6	18.0	13.0	7.0	15.0	0.8	18.0	13.0	7.0
683	0.068	13.0	13.0	7.0	10.0	0.6	13.0	13.0	7.0	10.0	0.6	18.0	13.0	7.0	15.0	0.8	18.0	13.0	7.0
104	0.10	13.0	13.0	7.0	10.0	0.6	13.0	13.0	7.0	10.0	0.6	18.0	13.5	7.5	15.0	0.8	18.0	13.5	7.5
154	0.15	13.0	15.0	8.0	10.0	0.8	18.0	12.0	6.0	15.0	0.8	18.0	16.5	10.0	15.0	0.8	18.0	16.5	10.0
224	0.22	18.0	14.0	7.5	15.0	0.8	18.0	13.5	7.5	15.0	0.8	18.0	18.0	10.0	15.0	0.8	18.0	18.0	10.0
334	0.33	18.0	17.0	10.0	15.0	0.8	18.0	16.5	10.0	15.0	0.8	27.0	15.0	6.0	22.5	0.8	27.0	15.0	6.0
474	0.47	18.0	17.0	10.0	15.0	0.8	18.0	19.0	11.0	15.0	0.8	27.0	19.0	10.0	22.5	0.8	27.0	19.0	10.0
684	0.68	26.5	18.5	9.5	20.0	0.8	27.0	19.0	10.0	22.5	0.8	32.0	20.0	11.0	27.5	0.8	32.0	20.0	11.0
105	1.0	26.5	20.0	11.5	20.0	0.8	27/32	22.0	13.0	22.5/27.5	0.8	32.0	25.0	14.0	27.5	0.8	32.0	25.0	14.0
155	1.5	32.0	20.0	11.0	27.5	0.8	32.0	22.0	14.0	27.5	0.8	32.0	26.0	18.0	27.5	0.8	32.0	26.0	18.0
225	2.3	32.0	22.0	13.0	27.5	0.8	32.0	25.0	14.0	27.5	0.8	32.0	31.0	22.0	27.5	0.8	32.0	31.0	22.0
335	3.3	32.0	26.0	18.0	27.5	0.8	32.0	31.0	22.0	27.5	0.8								
475	1.5	38.0	24.0	14.0	32.5	0.8	38.0	34.0	22.0	32.5	0.8								
685	2.3	38.0	31.0	20.5	32.5	0.8													
106	3.3	38.0	34.0	22.0	32.5	0.8													

可依需求制作特殊規格 (SPECIAL SIZE OR ITEMS ON REQUEST)