



METALLISED POLYPROPYLENE FILM CAPACITORS (FOR AC APPLICATION - DIP TYPE)

MAIN APPLICATION: Used in energy meters for AC applications.

CONSTRUCTION: Low inductive wound cell of metallised polypropylene film coated with flame retardant epoxy resin.

CLIMATIC CATEGORY: 40/100/56

APPLICABLE SPECIFICATION: IEC 384-17

CAPACITANCE VALUE, RATED VOLTAGE (AC): Refer dimension chart.

CAPACITANCE TOLERANCE: ±5%, ±10%

VOLTAGE PROOF

Between terminals: 1250V DC for 2 seconds.

INSULATION RESISTANCE

Between leads >30000 MΩ at 100 V DC

Between interconnected leads and case >30000 MΩ

TAN δ

0.1% (maximum) at 1 kHz.

LIFE TEST CONDITIONS (Loading at elevated temperature)

Loaded at 1.25 times of rated voltage at 70° C for 1000 hours.

AFTER THE TEST

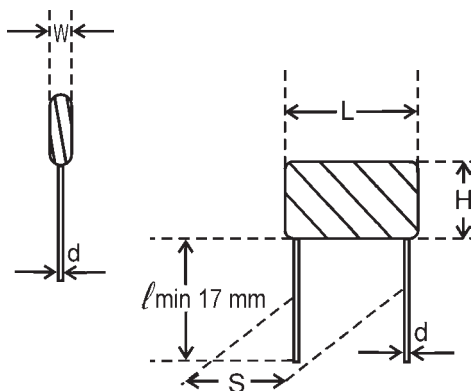
Δc/c: ≤ 5% of initial value.

Change in Tan δ: ≤ 0.004.

Insulation resistance: ≥ 50% of the specified value.

Ordering Code and Packing Units: Metallised Polypropylene Film Capacitors for AC Applications - Dip Type

Rated Voltage	Rated Cap. (µf)	Dimensions (mm)			Maximum			Dv/Dt V/µs	Wt g	Ordering code	Packing Units Bulk
		W	H	L	d ±0.05	Pitch ±1.0	Pitch (F) ±0.5				
440V AC	0.1	7.0	14.0	19	0.6	15.0	15.0	70	0.9	17 104+06 ^{^^}	1000
	0.22	7.0	14.0	27	0.6	22.5	22.5	70	0.9	17 224+06 ^{^^}	400
	0.33	8.0	16.0	27	0.6	22.5	22.5	70	0.9	17 334+06 ^{^^}	400
	0.39	8.0	16.0	27	0.6	22.5	22.5	70	1.0	17 394+06 ^{^^}	400
	0.41	9.0	17.0	27	0.8	22.5	22.5	60	1.3	17 414+06 ^{^^}	400
	0.47	9.5	19.5	27	0.8	22.5	22.5	60	1.3	17 474+06 ^{^^}	400
	0.56	10.0	20.0	31	0.8	27.5	27.5	60	1.6	17 564+06 ^{^^}	200
	0.82	12.5	22.0	31	0.8	27.5	27.5	60	2.45	17 824+06 ^{^^}	200
	1.0	13.0	24.0	31	0.8	27.5	27.5	30	3.0	17 105+06 ^{^^}	200



NOTE

1. Replace the + by the code letter for the required tolerance.
F:±1%, G:±2%, H:±2.5%, J:±5%, K:±10%, M:±20%
2. Replace * by the code letter for packing type.
1 : Bulk Packing
2 : Bulk Packing (After forming & cutting)
3 : Ammo Packing (F&T)
4 : Bulk Packing (forming in original pitch)
5 : Bulk Packing (formed & without cut)
6 : Ammo Packing (Straight Lead)
7 : Bulk Packing (Straight Lead cut)
3. Replace ^ by the code letter indicated drawing reference.
A : As per the catalogue
B-Z : customer drawing reference
4. These are the most popular values. Other values in the range are available on request. For dimensions, please refer to the closest higher value.