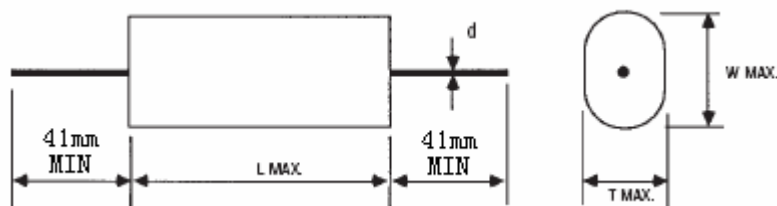


## HMS

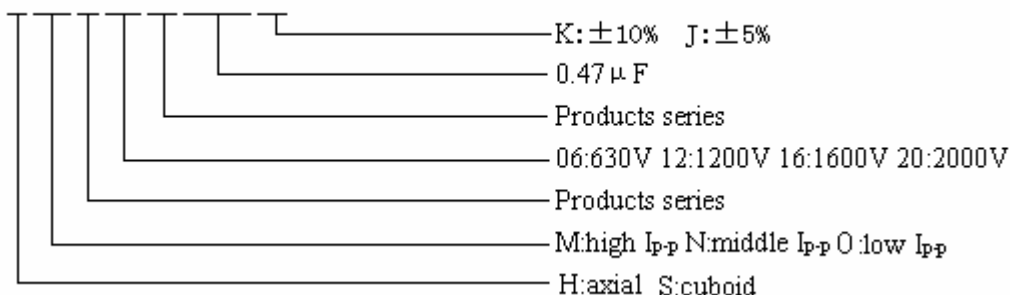
### Features and usage

- flat, oval and double metallized axial leads.
- Use polypropylene film and dual metallized electrodes.
- Self healing properties.
- high peak current carrying capability (dv/dt).
- Low ESR, high frequency and high voltage.
- Use for IGBT(MOSFET) snubber circuit.



### Type Designation System

#### HMS12P474K



### Specifications

Refence Standard	IEC384-16
Climate Category	40/085/21
Rated Voltage	630V、1.2KV、1.6KV、2.0KV(DC)
Capacitance Range	0.1~4.7 µ F
Capacitance Tolerance	J(±5%), K(±10%)
Voltage Proof	1.6U <sub>R</sub> ,1min
Insulation Resistance	C ≤ 0.33 µ F, ≥ 30000MΩ (20℃, 1min)
Disspation Factor	≤ 0.001 (1KHZ,20℃)
dv/dt&Rated Current	See list (under conditions of environmental temperature 60℃)

## Dimensions and Specifications (for reference only)

Rated Voltage(V)	Cap (µF)	Catalog Number	T	W	L	D	ESR mΩ	ESL nH	Dv/dt V/µs	I peak A	I <sub>RMS</sub> A
			(mm)								
1200	0.10	HMS12P104	14	19	34	1.0	8.5	19	1300	130	7.5
1200	0.15	HMS12P154	17	24	34	1.0	8	20	1300	195	9
1200	0.22	HMS12P224	22	29	34	1.0	6.8	21	1300	286	12
1200	0.33	HMS12P334	21	31	38	1.0	6.2	22	915	300	14
1200	0.47	HMS12P474	17.5	27	46	1.2	5.1	26	710	333	16
1200	0.68	HMS12P684	23	33	46	1.2	4.5	28	550	370	28
1200	1.0	HMS12P105	25	35	48	1.2	4.0	30	550	550	24
1200	1.5	HMS12P155	31	40	48	1.2	3.0	33	550	825	30
1200	2.0	HMS12P205	42	42	49	1.2	2.5	35	550	1100	34
1200	3.0	HMS12P305	45	45	60	1.2	2.1	38	390	1170	38
1200V	2.0	HNS12P205	26	26	49	1.2	5.3	25	197	394	19
1200V	3.0	HNS12P305	32	32	49	1.2	4.6	29	197	650	26