PLASTIC FILM CAPACITORS

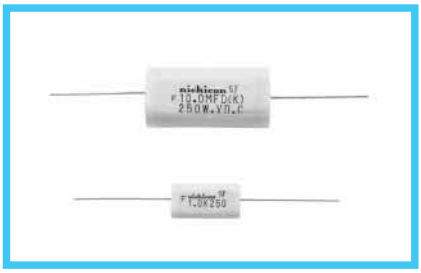
nichicon

AP Metallized Polypropylene Film Capacitor

series (Tape-wrapped Axial Type for High Frequency Applications)

For High Frequency

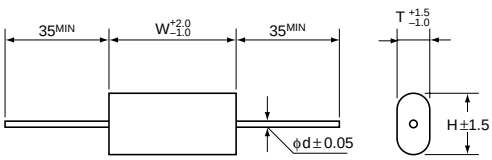
- Non-inductive construction, with axial lead wires.
- Superior performance in high frequency circuit and charging / discharging circuit due to excellent characteristics of metallized polypropylene film dielectric.
- Highly reliable with self-healing property.
- Tape-wrapped and epoxy endfilled at both leads for superior mechanical strength and humidity resistance.
- Some A.C. applications may cause capacitor failure, over heating of the capacitors and / or discharge may be the result. Please contact us about details for A.C. application.
- Adapted to the RoHS directive (2002/95/EC).



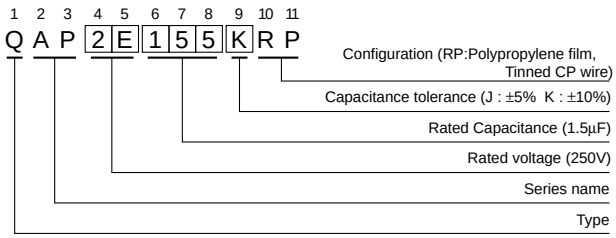
Specifications

Item	Performance Characteristics
Category Temperature Range	–40 ~ +85˚C
Rated Voltage	250, 400, 630V.D.C.
Rated Capacitance Range	0.15 ~ 10μF
Capacitance Tolerance	±5% (J), ±10% (K)
Dielectric Loss Tangent	0.1% or less (at 1kHz 20˚C)
Insulation Resistance	C ≦ 0.33μF : 30000 MΩ or more C > 0.33μF : 10000 ΩF or more
Withstand Voltage	Between Terminals : Rated Voltage × 175%, 1 ~ 5 secs. Between Terminals and Coverage : Rated Voltage × 200%, 1 ~ 5 secs.
Encapsulation	Adhesive polyester film, resin

Drawing



Type numbering system (Example : 250V 1.5μF)



Dimensions

Unit : mm

Cap.(μF) \ V(Code) / Code / Size		250VDC (2E)				400VDC (2G)				630VDC (2J)			
		T	W	H	d	T	W	H	d	T	W	H	d
0.15	154									4.8	28.0	11.4	0.8
0.22	224									5.6	28.0	13.8	0.8
0.33	334					6.1	28.0	12.7	0.8	7.4	28.0	15.6	0.8
0.47	474	4.3	28.0	10.9	0.8	7.7	28.0	14.2	0.8	7.8	33.0	15.9	0.8
0.68	684	5.0	28.0	13.2	0.8	9.0	28.0	17.2	0.8	9.9	33.0	18.1	0.8
1.0	105	6.5	28.0	14.7	0.8	9.7	33.0	17.9	0.8	10.4	38.0	20.1	1.0
1.5	155	8.6	28.0	16.7	0.8	11.9	33.0	21.6	0.8	12.0	44.0	21.7	1.0
2.2	225	9.3	33.0	17.5	0.8	13.3	38.0	22.7	1.0	15.3	44.0	25.0	1.0
3.3	335	11.4	33.0	21.1	0.8	15.4	44.0	25.1	1.0	17.9	50.0	27.6	1.0
4.7	475	12.6	38.0	22.3	1.0	17.5	50.0	27.2	1.0				
6.8	685	14.3	44.0	24.0	1.0								
10.0	106	16.6	50.0	26.3	1.0								