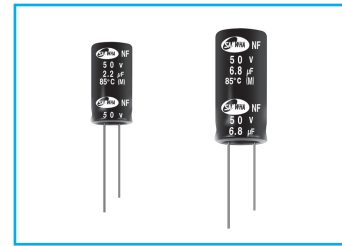


# MINIATURE ALUMINUM ELECTROLYTIC CAPACITORS

**NF** For Horizontal Deflection Current Correction Series

**NP** Non-polarized **S** Solvent Proof

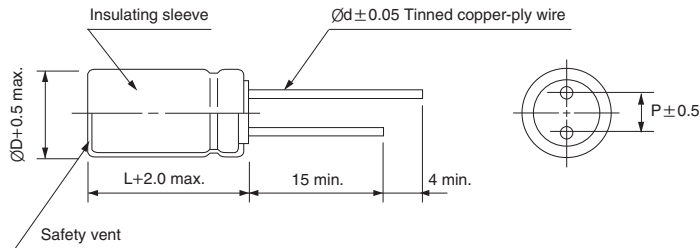


- Designed for horizontal deflection current correction in TV, monitor or computer
- Stable characteristics at high frequency and high ripple current
- Complied to the RoHS directive

Item	Characteristics	
Operating temperature range	-40 ~ +85°C	
Leakage current max.	I = 0.03CV+50μA (after 5 minutes)	
Capacitance tolerance	± 10, ±20% at 120Hz, 20°C	
Dissipation factor max.	0.04 max. at 120Hz, 20°C	
Low temperature characteristics (Impedance ratio at 120Hz)	Z-25°C/Z+20°C	1.5
	Z-40°C/Z+20°C	3.0
Load life (after application of DC 12V superimposed with specified ripple current)	Leakage current	Less than specified value
	Capacitance change	Within ± 15% of initial value
	tanδ	Less than 200% of specified value
	Test method	Polarity reverse each 250 hours
	NF series are for 2000 hours at 85°C	
Shelf life (at 85°C)	After 1000 hours no load test, leakage current, capacitance and tanδ are same as load life value. The measurement shall be performed at 20°C by the KS C IEC 60384 - 4	

● DRAWING

Unit : mm



ØD	10	12.5	16	18
P	5.0	5.0	7.5	7.5
Ød	0.6	0.6	0.8	0.8

● DIMENSIONS & MAXIMUM PERMISSIBLE RIPPLE CURRENT

WV	μF	1.0	1.5	2.2	3.3	4.7	6.8	8.2	10
		10×20	12.5×20	12.5×25	16×25	16×31.5	16×35.5	16×40	18×40
25, 50	1.8	2.4	3.3	4.5	6.0	8.0	9.0	10.0	

↑ Case size ØD×L (mm)  
 ↑ Ripple current (Ap-p) at 85°C, 15.75kHz