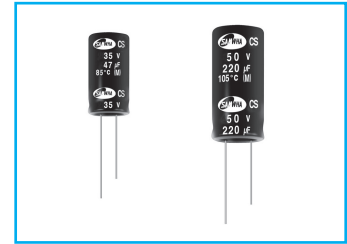


# MINIATURE ALUMINUM ELECTROLYTIC CAPACITORS

## CS For Charger and Adapter Series

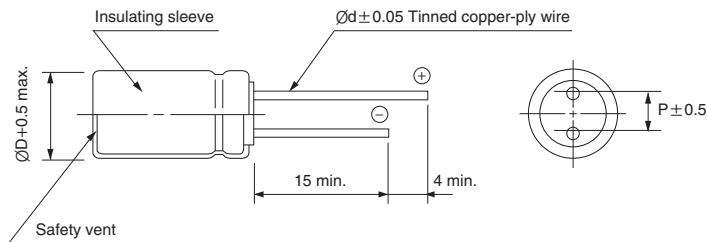
- Load life of 2000 hours at 105°C
- Voltage range 400 ~ 450V
- Complied to the RoHS directive



Item	Characteristics	
<b>Operating temperature range</b>	-25 ~ +105°C	
<b>Leakage current max.</b>	$I = 0.02CV + 15\mu A$ (after 5 minutes)	
<b>Capacitance tolerance</b>	±20% at 120Hz, 20°C	
<b>Dissipation factor max.</b>	0.2max. at 120Hz, 20°C	
<b>Surge test</b> (1.5kVDC: 5th interval 5 sec)	Appearance	Normal
	Leakage current	Less than specified value
	Capacitance change	Within initial value
	tanδ	Less than specified value
<b>Load life</b> (after application of the rated voltage for 2000 hours at 105°C)	Leakage current	Less than specified value
	Capacitance change	Within ±20% of initial value
	tanδ	Less than 200% of specified value
<b>Shelf life (at 85°C/105°C)</b>	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	8	10	12.5	16	18
P	3.5	5.0	5.0	7.5	7.5
Ød	0.6	0.6	0.8	0.8	0.8
β	1.5	2.0	2.0	2.0	2.0

\* Note : Other case sizes, rated voltage or capacitance are available upon request. Please check with us about individual size and dimensions.