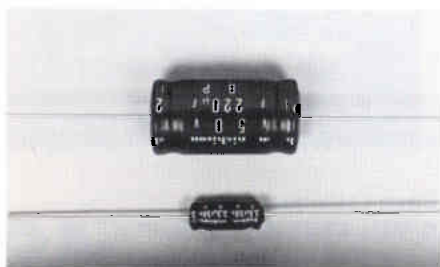


# ALUMINUM ELECTROLYTIC CAPACITORS

Non-polarized Series Electrolytic Capacitor for General Purpose

series Axial Lead Type T  
Anti-Solvent Feature



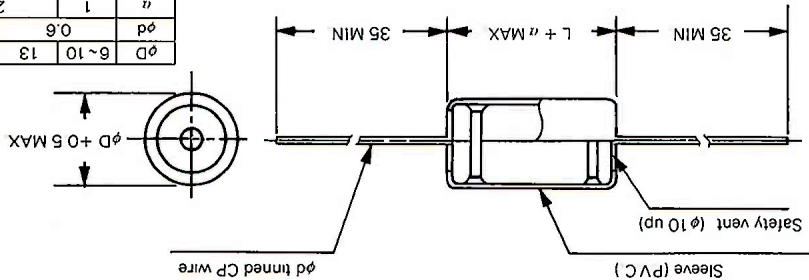
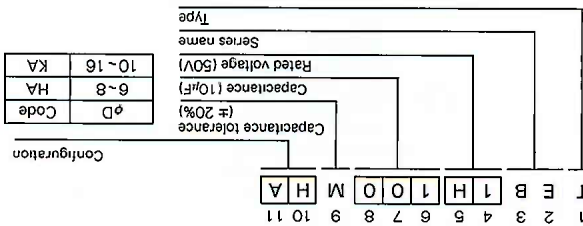
- These are non polar capacitors designed for circuits with reverse polarity.
- The standard capacitance tolerance is  $\pm 20\%(M)$ .
- The Nichicon Safety Vent is standard on capacitors with diameters  $\geq 10mm$ .

## ● Specifications

Item	Performance Characteristics						
Operating Temperature Range	$-40 \sim +85^{\circ}\text{C}$						
Voltage Range	$6.3 \sim 100\text{V}$						
Capacitance Range	$0.47 \sim 3300\mu\text{F}$						
Capacitance Tolerance	$\pm 20\%(M)$ at $120\text{ Hz } 20^{\circ}\text{C}$						
Leakage Current	After 5 minutes of application at rated voltage, leakage current will be no more than $0.03\text{CV}$ or $3\mu\text{A}$ , whichever is greater						
Dispersion Factor (tan $\delta$ )	Rated voltage (V)	6.3	10	0.25	0.20	0.17	0.15
	tan $\delta$ (MAX)	0.30	0.25	0.20	0.17	0.15	0.15
Stability at Low Temperature	Rated voltage (V)	6.3	10	16	25	35	50
	Impedance ratio	$Z_{-25^{\circ}\text{C}/Z_{+20^{\circ}\text{C}}}$	4	3	2	2	2
Load Life	Rated voltage (V)	6.3	10	16	25	35	50
	Impedance ratio	$Z_{-40^{\circ}\text{C}/Z_{+20^{\circ}\text{C}}}$	8	6	4	4	4
Shell Life	Rated voltage (V)	6.3	10	16	25	35	50
	Impedance ratio	$Z_{-25^{\circ}\text{C}/Z_{+20^{\circ}\text{C}}}$	4	3	2	2	2
Marking	Rated voltage (V)	6.3	10	16	25	35	50
	Impedance ratio	$Z_{-40^{\circ}\text{C}/Z_{+20^{\circ}\text{C}}}$	8	6	4	4	4
Applicable Standards	Characteristics W of JIS C-5141 and JIS C-5102						

## Axial Lead Type

### Part Numbering System



a	1	2
φD	6~10	13
φD	0.6	0.8

## ● Nominal Dimensions

Cap (μF)	Code	WV	6.3	10	16	25	35	50	63	80	100	2 A
0.47	R47	6X15										
1.0	O10	6X15										
2.2	R22	6X15										
3.3	R33	6X15										
4.7	R47	6X15										
10	100	6X15										
22	220	6X15										
33	330	6X15										
47	470	6X15										
100	101	6X15										
220	221	10X21										
330	331	10X21										
470	471	10X25										
1.000	102	13X30										
2.200	222	16X41										
3.300	332	16X41										

For mm to inch conversions refer to inside Back Cover or multiply by 0.3937

D X L (mm)