

ALUMINUM ELECTROLYTIC CAPACITORS

TH series

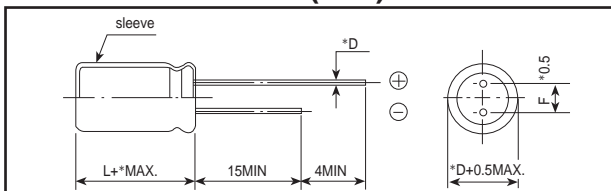
STANDARD HIGH TEMPERATURE 105* LONG LIFE TYPE

- Load life of 2000 hours at 105* .
- Has characteristics of withstanding high temperature 105* and good reliability.
- Suitable for communication equipment and industrial measurement instruments.

* SPECIFICATIONS

Items	Performance Characteristics										
Operating Temperature Range	-55~+105*	-40~+105*	-25~+105*								
Voltage Range	6.3 ~ 100V	160 ~ 400V	450V								
Capacitance Range	0.47~20,000*F										
Capacitance Tolerance	*20%(M) at 120Hz,25*										
Leakage Current(MAX)	1*0.03CV or 4(*A)		1*0.03CV or 40(*A)max								
(tan *)	For capacitance of more than 1000*F, add 0.02 for every increase of 1000*F, Measurement frequency:120Hz, Temperature:25*										
	Rated voltage(V)	6.3	10	16	25	35	50	63	100	160-250	350-450
	tan*(MAX)	0.22	0.20	0.16	0.14	0.12	0.10	0.08	0.08	0.20	0.25
Stability at Low Temperature	Measurement frequency:120Hz										
	Rated Voltage(V)	6.3	10	16	25-100	160-200	250-315	350-400	450		
	-25*+20*	4	3	3	2	3	4	6	15		
	-40*+20*	8	6	6	4	4	8	10	-		
Load Life	After 2000 hours' application of rated voltage of 105* capacitors meet the characteristics requirements listed at following.										
	Leakage Current	Initial specified value or less									
	Capacitance Change	whthin *20% of initial value.									
	tan*	200% or less of initial specified value									
Shelf Life	After leaving capacitors under no load at 105* for 1000 hours and applying voltage according to JIS-C-5102 4-3, they meet the specified value for load life characteristics listed above.										
Standards	According to JIS C-5141										

* DIMENSIONS (mm)

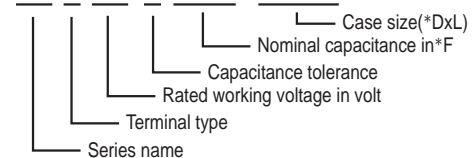


*D	5	6.3	8	10	13	16	18
*d	0.5	0.5	0.6	0.6	0.6	0.8	0.8
F	2.0	2.5	3.5	5.0	5.0	7.5	7.5
*	1.5			2.0			

CATALOG NUMBERING SYSTEM (Example:10V 100*F)

1 2 3 4 5 6 7 8 9 10 11 12

T H R 1 C M 1 0 1 E 1 1



* RMS RIPPLE CURRENT COEFFICIENT

TEMPERATURE COEFFICIENT

TEMPERATURE	105*	85*	~65*
MULTIPLIER	1.00	1.70	2.12