

EHR HIGH TEMPERATURE
FOR GENERAL USE
EHA Series (105 °C) 高 溫 度

STONE ST
6V 4700μF16V 4700
105°C 1



105°C 105°C 105°C

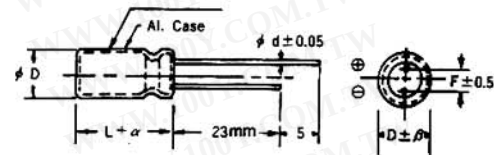
The EH series is fit for those consumer product which require high temperature and high reliability.

CHARACTERISTICS 電氣特性表

CASE DIA(D)	5	6	8	10	13	16	18	22	25
LEAD SPACE(F)	7 ± 0.5	2.5 ± 0.5	3.5 ± 0.5	5 ± 0.5	5 ± 1.0	7.5 ± 1.0	7.5 ± 1.0	10 ± 1.0	12 ± 1.0
LEAD DIA(d φ)	0.5	0.5	0.5	0.6	0.6	0.8	0.8	0.8	0.8
α	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0
β	0.5	0.5	0.5	0.5	1.0	1.0	1.0	1.0	1.0

容量容許差(120Hz 25℃) Capacitance Tolerance	± 20 % (M)											
額定電壓 Rated Working Voltage	6.3 ~ 100VDC						160 ~ 450VDC					
使用溫度範圍 Operation Temperature Range	-40 ~ +105 °C						-25 ~ +105 °C					
洩漏電流(25℃) Leakage Current	I ≤ 0.02CV + 3 (μA)						I ≤ 0.03CV + 20 μA max					
	whichever is greater after 3 minutes I:Leakage Current(μA)C:Rated Capacitance(μF)V:Working Voltage(v)											
散逸因素(120Hz 25℃) Dissipation Factor(tan δ)	Add 0.02 per 1000 μF for more than 1000 μF											
	W.V.	6.3	10	16	25	35	50	63	80	100	160~250	315~450
	tan δ	0.24	0.20	0.17	0.15	0.12	0.10	0.10	0.10	0.10	0.20	0.25
低溫特性 Low Temperature Stability	Impedance ratio at 120Hz											
	rated Voltage(V)	6.3		10	16	25	35~100		160~250		315~450	
	-25℃/+25℃	4		3	2	2	2		8		20	
	-40℃/+25℃	10		8	6	4	3					
高溫負荷特性 Load Life	After 1000 hours application of W.V. at +105℃ the capacitor shall meet the following limits.											
	Capacitance Change	≤ ±25% of initial value										
	Dissipation Factor	≤ 200% of initial specified value										
	Leakage Current	≤ initial specified value										
放置特性 Shelf Life	AT 105℃ no voltage applied after 500 hours the capacitor shall meet the following limits.											
	Capacitance Change	≤ ±20% of initial value										
	Dissipation Factor	≤ 200% of initial specified value										
	Leakage Current	≤ 200% of initial specified value										

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)



EHR Series

RADIAL TYPE 直立式

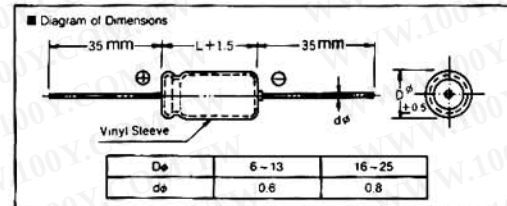
□ CASE SIZE 標準尺寸表

DXL(mm)

μF \ WV (V)	10V (13)	16V (20)	25V (32)	35V (44)	50V (63)	63V (79)	100V (125)	160V (200)	200V (250)	250V (300)	350V (400)
0.47					5 × 11.5	5 × 11.5	5 × 11.5	6.3 × 11.5	6.3 × 11.5	6.3 × 11.5	6.3 × 11.5
1					5 × 11.5	5 × 11.5	5 × 11.5	6.3 × 11.5	6.3 × 11.5	6.3 × 16	6.3 × 16
2.2					5 × 11.5	5 × 11.5	5 × 11.5	6.3 × 16	6.3 × 16	8 × 16	8 × 16
3.3					5 × 11.5	5 × 11.5	5 × 11.5	8 × 16	8 × 16	8 × 16	8 × 20
4.7					5 × 11.5	5 × 11.5	5 × 11.5	8 × 16	8 × 16	10 × 20	10 × 20
10			5 × 11.5		5 × 11.5	6.3 × 11.5	6.3 × 11.5	10 × 20	10 × 20	10 × 20	10 × 25
22			5 × 11.5	5 × 11.5	6.3 × 11.5	8 × 11	8 × 11.5	10 × 25	10 × 25	10 × 25	13 × 25
33		5 × 11.5	5 × 11.5	6.3 × 11.5	8 × 11	8 × 11	10 × 13	13 × 25	13 × 25	13 × 25	13 × 30
47	5 × 11.5	5 × 11.5	6.3 × 11.5	8 × 11	8 × 11	8 × 14	10 × 16	13 × 25	13 × 25	16 × 25	16 × 33
100	5 × 11.5	6.3 × 11.5	8 × 11	8 × 11	8 × 14	10 × 17	13 × 21	16 × 27	16 × 33	16 × 40	18 × 40
220	8 × 11	8 × 11	8 × 14	8 × 16	10 × 17	13 × 21	16 × 26	18 × 40	18 × 40	22 × 50	25 × 50
330	8 × 11	8 × 14	8 × 16	10 × 17	13 × 21	13 × 26	16 × 26	22 × 40	22 × 41	25 × 50	
470	8 × 11	8 × 16	10 × 17	10 × 20	13 × 26	16 × 26	16 × 32	22 × 50	25 × 50		
1000	10 × 17	10 × 20	13 × 20	13 × 26	16 × 26	13 × 36					
2200	13 × 26	13 × 26	16 × 26	16 × 36	18 × 36	22 × 36					
3300	16 × 26	16 × 30	16 × 30	18 × 36	22 × 36	25 × 42					
4700	16 × 26	16 × 30	18 × 36	22 × 36	25 × 42						
6800	16 × 36	18 × 36	22 × 36	22 × 40							
10000	18 × 36	22 × 36	22 × 40	25 × 42							

EHA Series

AXIAL TYPE 臥式
 (105 °C)



■ Case Size 標準尺寸表

DXL(mm)

μF \ WV	6.3	10	16	25	35	50	63	100
0.47								
1								
2.2								
3.3								
4.7								6.3 × 13
10								8 × 16
22						6.3 × 13	6.3 × 13	8 × 20
33						8 × 16	8 × 16	8 × 20
47				6.3 × 13	6.3 × 13	8 × 16	10 × 16	10 × 20
100		6.3 × 13	6.3 × 13	8 × 16	8 × 16	10 × 17	10 × 21	13 × 21
220	6.3 × 12.5	8 × 16	8 × 16	8 × 20	10 × 20	10 × 21	13 × 21	16 × 26
330	8 × 16	8 × 16	8 × 16	10 × 21	10 × 21	13 × 21	13 × 26	16 × 34
470	8 × 20	8 × 20	10 × 17	10 × 21	13 × 21	13 × 26	16 × 26	18 × 37
1000	10 × 21	10 × 21	10 × 21	13 × 26	13 × 26	16 × 33	18 × 37	
2200	13 × 21	13 × 21	13 × 26	16 × 27	16 × 33	18 × 37	22 × 42	
3300	13 × 26	13 × 26	16 × 33	16 × 33	22 × 37	22 × 42		
4700	16 × 27	16 × 27	16 × 36	18 × 37	22 × 42			