

TA 系列 SERIES

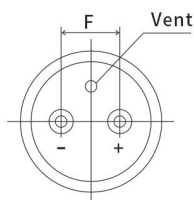
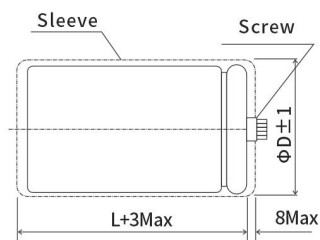
- High Ripple current
- Load life : 85°C 5000 hours
- Complied to the RoHS directive



◆ Specification

Items	Characteristics		
Operating Temperature Range(°C)	-25~+85		
Voltage Range (V)	350~500		
Capacitance Range (μF)	1000~22000		
Capacitance Tolerance(20°C,120Hz)	± 20%		
Leakage Current (μA)	350~500V		
	I ≤ 0.01CV or 5000μA whichever is smaller After 5 minute at 20°C application of rated voltage		
	I:Max. leakage current (μA),C:Nominal Capacitance (μF) ,V :Rated Voltage (V)		
Dissipation Factor (20°C,120Hz)	U _R (V)	350~400	450~500
	tgδ	0.2	0.25
Load Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after subjected to DC voltage with the rated rippled current is applied for 5000 hours at 85°C		
	Capacitance change	Within ±20%initial value	
	D.F.(Tanδ)	Not more than 200% of specified value	
	Leakage current	Not more than specified value	
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 85°Cwithout voltage applied .		
	Capacitance change	≤ ± 20% of the initial value	
	D.F.(Tanδ)	≤200% of specified value	
	Leakage current	≤200% of specified value	

◆ Dimensions(mm)



(Unit: mm)

ΦD	50.8	63.5	76	89	100
F	22	28	32	32	42

◆ Frequency Coefficient

Frequency	60Hz	120Hz	1KHz	10KHz	100KHz
Voltage Range (V)					
350~500	0.70	1.00	1.25	1.40	1.60

◆ Temperature Coefficient

Temperature(°C)	+40	+55	+70	+85
Coefficient	2.70	2.20	1.70	1.00

◆ Ratings for TA Series

UR (Surge Voltage) Code	RatedCapaci-tance	Rated Ripple Current 85°C 120Hz	Size $\Phi D \times L$
(V)	(μF)	(A rms)	(mm)
350V (400)2V	1200	4.6	50.8×60
	1500	5.2	50.8×75
	1800	6.2	50.8×90
	2200	6.9	50.8×105
	2700	8.6	50.8×120
	3300	9.6	63.5×90
	3900	10.9	63.5×105
	4700	12.5	63.5×115
	5600	13.8	63.5×130
	6800	15.9	76×115
	8200	18.7	76×130
	10000	22.0	76×160
	12000	24.2	89×145
	15000	29.5	89×170
	18000	35.1	89×195
	22000	40.5	89×235
400(450)2G	1000	4.2	50.8×70
	1200	4.6	50.8×80
	1500	5.7	50.8×90
	1800	6.3	50.8×105
	2200	7.8	50.8×120
	2700	8.4	63.5×100
	3300	10.0	63.5×115
	3900	11.4	63.5×130
	4700	12.6	76×115
	5600	14.4	76×130
	6800	17.1	76×145
	8200	19.9	89×130
	10000	22.1	89×150
	12000	26.4	89×170
	15000	31.9	89×210
	18000	36.5	100×220
	22000	41.5	100×250
450(500)2W	1000	4.2	50.8×80
	1200	5.1	50.8×90
	1500	6.1	50.8×105
	1800	7.1	50.8×120
	2200	7.6	63.5×100
	2700	9.1	63.5×115
	3300	10.5	63.5×130
	3900	11.5	63.5×145
	4700	13.2	76×130
	5600	15.5	76×155
	6800	18.2	76×180
	8200	20.0	89×160
	10000	24.1	89×190
	12000	28.6	89×220
	15000	33.5	100×220
	18000	38.5	100×250
500(550)2H	1000	5.6	50.8×105
	1200	6.6	50.8×115
	1500	7.8	63.5×90
	1800	9.1	63.5×105
	2200	10.6	63.5×115
	2700	12.8	63.5×145
	3300	14.9	76×130
	3900	17.3	76×145
	4700	18.8	76×170
	5600	21.9	89×155
	6800	25.1	89×170
	8200	28.2	89×195
	10000	32.0	89×235
	12000	34.5	100×235