

TGA(KMH) Series

• 105°C 2,000Hrs assured.

- · Non-solvent proof.
- Wide Temperature range.
- For UPS.
- · RoHS compliant.



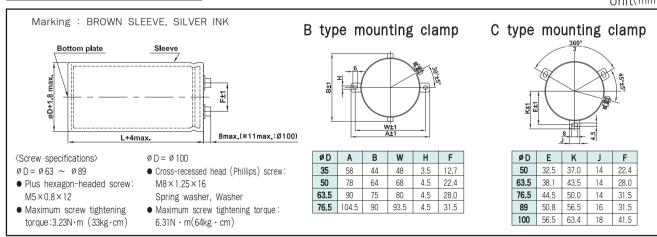


SPECIFICATIONS

Item	Characteristics				
Rated Voltage Range	10 ~ 100 Vpc 160 ~ 450 Vpc				
Operating Temperature Range	-40 ∼ +105°C	-25 ∼ +105°C			
Capacitance Tolerance	±20%	6(M) (at 20°C, 120Hz)			
Leakage Current	I=0.02CV or 5mA, whichever is smaller. Where, I: Leakage current (μ A) C: Nominal cap V: Rated voltage (V cc)	acitance (μF) (at 20°C, 5 minutes)			
Dissipation Factor(Tan♂)	Tan δ shall not exceed the values shown in the	RATINGS. (at 20°C, 120Hz)			
Temperature Characteristics (Capacitance change ratio)	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				
Load Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after the rated voltage with the rated ripple current is applied (the peak voltage shall not exceed the rated voltage) for 2,000 hours at 105°C. Capacitance change ≤ ±20% of the initial value Tanð ≤ 200% of the initial specified value Leakage current ≤ The initial specified value				
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after the exposing them at 105°C for 500 hours without voltage applied. The rated voltage shall be applied to the capacitors for a minimum of 30 minutes, at least 24 hours and not more than 48 hours before the measurements. Capacitance change $\leq \pm 20\%$ of the initial value Tan δ $\leq 200\%$ of the initial specified value Leakage current \leq The initial specified value				
Others	Satisfied characteristics KS C IEC 60384-4				

DIMENSIONS OF TGA(KMH) Series

Unit(mm)





RATINGS OF TGA(KMH) Series

VDC	Capacitance (µF)	øD×L(mm)	Tan∂	Rated Ripple Current (Arms/105°C,120Hz)	VDC	Capacitance (µF)	øD×L(mr
	22,000	35 × 50	0.70	4.9		39,000	50 × 80
	27,000	35 × 50	0.70	5.1		47,000	50 × 100
	33,000	35 × 60	0.70	5.9		56,000	50 × 100
	39,000	35 × 80	0.70	6.3		68,000	50 × 120
	47,000	35 × 80	0.70	6.9	25	82,000	63.5 × 100
	56,000	35 × 80	0.70	7.4	35	100,000	63.5 × 120
	68,000	35 × 100 35 × 100	0.70	8.5 8.9		120,000 150,000	63.5 × 120
	82,000 100,000	35 × 120	0.70	10.7		180,000	76.5 × 120 76.5 × 120
10	120,000	50 × 80	0.75	11.0		220,000	76.5 × 140
10	150,000	50 × 100	0.73	13.2		270,000	89 × 140
	180,000	50 × 120	0.80	15.7		3,900	35 × 50
	220,000	50 × 120	0.85	16.8		4,700	35 × 50
	270,000	63.5 × 120	1.00	19.6		5,600	35 × 50
	330,000	63.5 × 120	1.20	19.7		6,800	35 × 50
	390,000	76.5 × 120	1.50	21.3		8,200	35 × 60
	470,000	76.5 × 120	1.80	21.4		10,000	35 × 80
	560,000	76.5×140	2.00	23.6		12,000	35 × 80
	680,000	89×140	2.40	26.0		15,000	35 × 80
	18,000	35 × 50	0.45	4.2		18,000	35 × 80
	22,000	35 × 50	0.45	4.7	50	22,000	35 × 100
	27,000	35×60	0.45	5.5		27,000	50 × 80
	33,000	35×60	0.45	5.7		33,000	50 × 100
	39,000	35×80	0.45	6.8		39,000	50 × 120
	47,000	35×80	0.50	7.1		47,000	50 × 120
	56,000	35 × 100	0.50	8.4		56,000	63.5 × 100
	68,000	35 × 100	0.55	8.8		68,000	63.5 × 120
	82,000	50 × 80	0.55	10.7		82,000	76.5 × 120
16	100,000	50 × 80	0.65	10.8		100,000	76.5 × 120
16	120,000	50 × 100	0.65	13.1		120,000	76.5 × 120
	150,000	50 × 120	0.70	15.3		150,000	89 × 140
	180,000	50 × 120	0.80	15.7		180,000	89 × 140
	220,000	63.5×120	0.85	19.2		2,700	35 × 50
	270,000	63.5 × 120	1.00	19.6		3,300	35 × 50
	330,000	76.5 × 120	1.30	21.1		3,900	35 × 50
	390,000	76.5 × 120	1.50	21.3		4,700	35 × 50
	470,000	76.5 × 140	1.60	24.2		5,600	35 × 60
	560,000	89 × 140	2.00	28.1		6,800	35 × 60
	680,000	89 × 140	2.40	28.5		8,200	35 × 80
	12,000	35 × 50	0.35	3.7		10,000	35 × 80
	15,000	35 × 50	0.35	4.1		12,000	35 × 100
	18,000	35 × 60	0.35	4.8	62	15,000	35 × 120
	22,000	35 × 60	0.35		63	18,000	35 × 120
	27,000 33,000	35 × 80 35 × 80	0.35	6.4		22,000 27,000	50 × 80 50 × 120
	39,000	35 × 100	0.40	7.8		33,000	50 × 120
	47,000	35 × 120	0.40	9.3		39,000	63.5 × 100
	56,000	50 × 80	0.45	9.7		47,000	63.5 × 120
25	68,000	50 × 100	0.45	10.7		56,000	63.5 × 120
	82,000	50 × 100	0.50	11.2		68,000	76.5 × 120
	100,000	50 × 120	0.50	14.8		82,000	76.5 × 140
	120,000	63.5 × 100	0.65	14.9		100,000	76.5 × 140
	150,000	63.5 × 120	0.65	17.9		120,000	89×140
	180,000	63.5 × 120	0.80	18.9		2,200	35 × 50
	220,000	76.5 × 120	0.85	21.3		2,700	35 × 50
	270,000	76.5 × 120	1.00	21.7		3,300	35 × 50
	330,000	76.5×140	1.20	23.1		3,900	35 × 60
	390,000	89×140	1.50	24.9		4,700	35 × 60
	8,200	35 × 50	0.30	3.3		5,600	35 × 80
	10,000	35 × 50	0.30	3.6	80	6,800	35 × 80
	12,000	35×60	0.30	4.2		8,200	35×100
35	15,000	35×60	0.30	4.7		10,000	35×120
33	18,000	35×80	0.30	5.7		12,000	50 × 80
	22,000	35×80	0.30	6.8		15,000	50 × 100
	27,000	35×100	0.30	7.5		18,000	50 × 120
	33,000	35×120	0.30	9.0		22,000	50 × 120

VDC	Capacitance (µF)	øD×L(mm)	Tan∂	Rated Ripple Current (Arms/105°C,120Hz)
	39,000	50 × 80	0.35	9.2
	47,000	50 × 100	0.35	11.2
	56,000	50 × 100	0.40	11.4
	68,000	50 × 120	0.40	13.6
	82,000	63.5 × 100	0.45	14.8
35	100,000	63.5 × 120	0.45	16.5
	120,000	63.5 × 120	0.55	17.6
	150,000	76.5 × 120	0.65	18.5
	180,000	76.5 × 120	0.80	19.8
	220,000	76.5×140	0.80	23.4
	270,000	89 × 140	1.00	25.5
	3,900	35 × 50	0.20	2.8
	4,700	35 × 50	0.20	3.1
	5,600	35 × 50	0.20	3.3
	6,800	35 × 50	0.25	3.5
	8,200	35 × 60	0.25 0.25	3.8 4.6
	10,000	35 × 80 35 × 80	0.25	5.1
	12,000 15,000	35 × 80	0.25	5.7
		35 × 80	0.25	6.0
	18,000 22,000	35 × 100	0.25	6.7
50	27,000	50 × 80	0.25	9.1
30	33,000	50 × 100	0.25	11.1
	39,000	50 × 120	0.25	13.1
	47,000	50 × 120	0.30	13.9
	56,000	63.5 × 100	0.35	14.9
	68,000	63.5 × 120	0.35	16.6
	82,000	76.5 × 120	0.40	18.9
	100,000	76.5 × 120	0.45	19.5
	120,000	76.5 × 120	0.55	21.0
	150,000	89×140	0.60	23.9
	180,000	89×140	0.75	24.0
	2,700	35 × 50	0.20	2.3
	3,300	35 × 50	0.20	2.5
	3,900	35 × 50	0.20	2.8
	4,700	35 × 50	0.20	3.1
	5,600	35×60	0.20	3.5
	6,800	35×60	0.20	3.9
	8,200	35 × 80	0.20	4.7
	10,000	35 × 80	0.25	4.9
	12,000	35×100	0.25	5.5
	15,000	35 × 120	0.25	6.6
63	18,000	35 × 120	0.25	6.9
	22,000	50 × 80	0.25	7.4
	27,000	50 × 120	0.25	10.9
	33,000	50 × 120	0.25	12.0
	39,000	63.5 × 100	0.30	12.5
	47,000	63.5 × 120	0.30	14.9
	56,000	63.5 × 120	0.30	16.3
	68,000	76.5 × 120	0.35	18.4
	82,000	76.5 × 140	0.40	20.0
	100,000	76.5 × 140	0.50	20.5
	120,000	89 × 140	0.60	21.8
	2,200	35 × 50	0.15	2.4
	2,700	35 × 50	0.15	2.7
	3,300	35 × 50	0.15	3.0
	3,900	35 × 60	0.15	3.4
	4,700 5,600	35 × 60	0.15	3.7
80	5,600	35 × 80 35 × 80	0.15 0.15	4.5
80	6,800		0.15	4.9 5.1
	8,200 10,000	35 × 100 35 × 120	0.20	6.1
	12,000	50 × 80	0.20	6.7
	15,000	50 × 100	0.20	8.3
	18,000	50 × 120	0.20	9.9
	22,000	50 × 120	0.20	11.0
	22,000	55 A 120	0.20	11.0

RATINGS OF TGA(KMH) Series

80 80 27,000 63,5×100 0.25 11.4 33,000 76,5×100 0.30 14.5 33,000 76,5×120 0.30 14.5 56,000 76,5×120 0.30 18.1 68,000 76,5×120 0.30 18.1 82,000 89×140 0.40 22.1 1,800 35×50 0.10 2.7 2,200 35×60 0.10 3.5 3,300 35×80 0.10 3.5 4,700 35×100 0.12 4.5 4,700 35×100 0.12 5.0 6,800 35×100 0.12 5.4 6,800 35×100 0.12 5.4 6,800 35×100 0.15 5.8 8,200 50×80 0.15 6.4 11,000 50×120 0.15 10.4 118,000 50×120 0.15 10.4 118,000 50×120 0.15 10.4 118,000 50×120 0.15 10.4 118,000 50×120 0.15 10.4 118,000 63,5×100 0.20 11.0 22,000 63,5×120 0.20 12.5 33,000 76,5×140 0.30 16.1 47,000 89×140 0.30 19.3 56,000 89×140 0.20 5.1 56,000 89×140 0.20 5.1 56,000 63.5×120 0.20 6.1 56,000 63.5×120 0.20 6.1 56,000 63.5×120 0.20 6.1 56,000 63.5×120 0.20 6.1 56,000 63.5×120	VDC	Capacitance (µF)	øD×L(mm)	Tan∂	Rated Ripple Current (Arms/105°C,120Hz)
100		27,000	63.5×100	0.25	11.4
100					
100		-			
100	80				
100					
1,800					
100	_				
100					
100					
100					
100		3,900			
100		4,700	35 × 100	0.12	5.0
100		5,600	35 × 100	0.12	5.4
100		6,800	35 × 120	0.15	5.8
12,000		8,200	50 × 80	0.15	6.4
15,000	100				
18,000					
160					
160					
160 33,000 76.5×120 0.25 15.2 39,000 76.5×140 0.30 16.1 47,000 89×140 0.30 19.3 56,000 89×140 0.30 21.1 560 35×50 0.15 1.2 680 35×50 0.15 1.3 820 35×50 0.15 1.4 1.000 35×50 0.15 1.4 1.000 35×50 0.15 1.6 1.20 35×60 0.15 1.9 1.500 35×80 0.15 2.1 1.800 35×80 0.15 2.8 2.700 35×100 0.15 3.3 3.300 35×120 0.15 3.8 3.9 3.9 4.700 50×100 0.20 5.1 6.800 50×120 0.20 5.1 6.800 50×120 0.20 5.1 6.800 76.5×120 0.20 3.4 4.700 2.5×100 0.20 3.4 4.700 35×50 0.15 1.4 4.700 35×50 0.15 3.8 4.700 3.5×100 0.20 3.9 4.700 35×100 0.20 3.9 4.700 35×100 0.20 3.9 4.700 35×100 0.20 3.9 4.700 35×100 0.20 3.9 4.700 35×100 0.20 3.9 4.700 35×100 0.20 3.4 4.700 3.5×120 0.20 3.4 4.700 3.5×120 0.20 3.4 4.700 3.5×120 0.20 3.4 4.700 3.5×100 0.20 3.4 4.700 3.5×100 0.25 3.4 4.700 3.5×50 0.15 3.6 3.9 3.5×50 0.15 3.6 3.9 3.5×50 0.15 3.6 3.9 3.5×50 0.15 3.6 3.5×100 3.5×60 0.15 3.6 3.300 35×60 0.15 3.6 3.300 35×60 0.15 3.6 3.300 35×60 0.15 3.6 3.300 35×60 0.15 3.6 3.300 35×80 0.15 3.6 3.300 50×80 0.15 3.6 3.300 50×80 0.15 3.6 3.300 50×80 0.15 3.6 3.300 50×80 0.15 3.6 3.300 50×80 0.15 3.6 3.300 50×80 0.15 3.6 3.300 50×80 0.15 3.6 3.300 50×80 0.15 3.6 3.5×100 0.20 5.8 6.800 63.5×120 0.20 5.8 6.800 63.5×120 0.20 5.8 6.800 63.5×120 0.20 5.8 6.800 63.5×120 0.20 5.8 6.800 63.5×120 0.20 5.8 6.800 63.5×120 0.20 5.8 6.800 63.5×120 0.20 5.8 6.800 63.5×120 0.20 5.8 6.800 63.5×120 0.20 5.8 6.800 63.5×120 0.20 5.8 6.800 63.5×120 0.20 5.8 6.800 63.5×120 0.20 5.8 6.800 63.5×120 0.20 5.8 6.800 63.5×120 0.20 5.8 6.800 63.5×120 0.20 5.8 6.800					
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1,200 35×60 0.15 1.9 1,500 35×60 0.15 2.1 1,800 35×80 0.15 2.5 2,200 35×80 0.15 2.8 2,700 35×100 0.15 3.3 3,300 35×120 0.15 3.8 3,900 50×80 0.20 3.9 4,700 50×100 0.20 4.6 5,600 50×100 0.20 5.1 6,800 50×120 0.20 6.1 8,200 63.5×120 0.20 6.1 8,200 63.5×120 0.20 8.4 12,000 76.5×100 0.20 9.4 15,000 76.5×120 0.20 11.4 18,000 76.5×140 0.20 13.4 22,000 89×140 0.25 14.5 27,000 89×140 0.25 14.5 27,000 89×140 0.25 16.0 330 35×50 0.15 0.9 390 35×50 0.15 1.0 470 35×50 0.15 1.1 560 35×50 0.15 1.2 680 35×50 0.15 1.2 680 35×50 0.15 1.2 1,000 35×60 0.15 1.7 1,200 35×60 0.15 1.7 1,200 35×80 0.15 2.3 2,200 35×100 0.15 2.7 2,700 35×120 0.15 3.6 3,300 50×80 0.15 4.9 4,700 63.5×100 0.20 5.8 6,800 63.5×120 0.20 5.8 6,800 63.5×120 0.20 5.8 6,800 63.5×120 0.20 5.8 6,800 63.5×120 0.20 5.8 6,800 63.5×120 0.20 5.8 6,800 63.5×120 0.20 5.8 6,800 63.5×120 0.20 5.8 6,800 63.5×120 0.20 5.8 6,800 63.5×120 0.20 5.8 6,800 63.5×120 0.20 5.8 6,800 63.5×120 0.20 5.8 6,800 63.5×120 0.20 5.8 6,800 63.5×120 0.20 6.9 8,200 63.5×120 0.20 6.9					
1,800					
1,800					
160			35 × 80	0.15	2.5
3,300 35×120 0.15 3.8		2,200	35 × 80	0.15	2.8
160		2,700	35 × 100	0.15	3.3
4,700 50×100 0.20 4.6 5,600 50×100 0.20 5.1 6,800 50×120 0.20 6.1 8,200 63.5×100 0.20 7.0 10,000 63.5×120 0.20 8.4 12,000 76.5×100 0.20 9.4 15,000 76.5×120 0.20 11.4 18,000 76.5×140 0.20 13.4 22,000 89×140 0.25 14.5 27,000 89×140 0.25 16.0 330 35×50 0.15 0.9 390 35×50 0.15 1.0 470 35×50 0.15 1.2 680 35×50 0.15 1.2 680 35×50 0.15 1.3 820 35×50 0.15 1.7 1,000 35×60 0.15 1.7 1,200 35×80 0.15 2.3 1,800 35×80 0.15					
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200 470 35×50 0.15 1.1 560 35×50 0.15 1.2 680 35×50 0.15 1.3 820 35×50 0.15 1.4 1,000 35×60 0.15 1.7 1,200 35×60 0.15 1.9 1,500 35×80 0.15 2.3 2,200 35×100 0.15 2.7 2,700 35×120 0.15 3.6 3,300 50×80 0.15 4.1 3,900 50×100 0.15 4.9 4,700 63.5×100 0.20 5.3 5,600 63.5×120 0.20 5.8 6,800 63.5×120 0.20 6.9 8,200 63.5×120 0.20 7.6					
200 680 35×50 0.15 1.3 820 35×50 0.15 1.4 1,000 35×60 0.15 1.7 1,200 35×60 0.15 1.9 1,500 35×80 0.15 2.3 2,200 35×80 0.15 2.5 2,200 35×100 0.15 2.7 2,700 35×120 0.15 3.6 3,300 50×80 0.15 4.1 3,900 50×100 0.15 4.9 4,700 63.5×100 0.20 5.3 5,600 63.5×100 0.20 5.8 6,800 63.5×120 0.20 6.9 8,200 63.5×120 0.20 7.6					1.1
820 35×50 0.15 1.4 1,000 35×60 0.15 1.7 1,200 35×60 0.15 1.9 1,500 35×80 0.15 2.3 1,800 35×80 0.15 2.5 2,200 35×100 0.15 2.7 2,700 35×120 0.15 3.6 3,300 50×80 0.15 4.1 3,900 50×100 0.15 4.9 4,700 63.5×100 0.20 5.3 5,600 63.5×100 0.20 5.8 6,800 63.5×120 0.20 6.9 8,200 63.5×120 0.20 7.6		560	35 × 50	0.15	1.2
1,000 35×60 0.15 1.7 1,200 35×60 0.15 1.9 1,500 35×80 0.15 2.3 1,800 35×80 0.15 2.5 2,200 35×100 0.15 2.7 2,700 35×120 0.15 3.6 3,300 50×80 0.15 4.1 3,900 50×100 0.15 4.9 4,700 63.5×100 0.20 5.3 5,600 63.5×100 0.20 5.8 6,800 63.5×120 0.20 6.9 8,200 63.5×120 0.20 7.6				0.15	1.3
1,200 35×60 0.15 1.9 1,500 35×80 0.15 2.3 1,800 35×80 0.15 2.5 2,200 35×100 0.15 2.7 2,700 35×120 0.15 3.6 3,300 50×80 0.15 4.1 3,900 50×100 0.15 4.9 4,700 63.5×100 0.20 5.3 5,600 63.5×100 0.20 5.8 6,800 63.5×120 0.20 6.9 8,200 63.5×120 0.20 7.6					
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2,700 35×120 0.15 3.6 3,300 50×80 0.15 4.1 3,900 50×100 0.15 4.9 4,700 63.5×100 0.20 5.3 5,600 63.5×100 0.20 5.8 6,800 63.5×120 0.20 6.9 8,200 63.5×120 0.20 7.6	200				
3,300 50×80 0.15 4.1 3,900 50×100 0.15 4.9 4,700 63.5×100 0.20 5.3 5,600 63.5×100 0.20 5.8 6,800 63.5×120 0.20 6.9 8,200 63.5×120 0.20 7.6					
3,900 50×100 0.15 4.9 4,700 63.5×100 0.20 5.3 5,600 63.5×100 0.20 5.8 6,800 63.5×120 0.20 6.9 8,200 63.5×120 0.20 7.6					
4,700 63.5×100 0.20 5.3 5,600 63.5×100 0.20 5.8 6,800 63.5×120 0.20 6.9 8,200 63.5×120 0.20 7.6					
5,600 63.5×100 0.20 5.8 6,800 63.5×120 0.20 6.9 8,200 63.5×120 0.20 7.6					
6,800 63.5×120 0.20 6.9 8,200 63.5×120 0.20 7.6					
8,200 63.5×120 0.20 7.6					
10,000 10.5 \ 120 0.20 3.5		10,000	76.5 × 120	0.20	9.3

VDC	Capacitance (µF)	øD×L(mm)	Tan∂	Rated Ripple Current (Arms/105°C,120Hz)
	12,000	76.5×120	0.20	10.2
200	15,000	76.5×120	0.20	11.2
	18,000	89×140	0.25	13.1
	270	35 × 50	0.15	0.8
	330	35 × 50	0.15	0.9
	390	35 × 50	0.15	1.0
	470 560	35 × 50 35 × 50	0.15	1.1
	680	35 × 60	0.15	1.4
	820	35 × 80	0.15	1.6
	1,000	35 × 80	0.20	1.7
	1,200	35 × 80	0.20	1.8
	1,500	35×100	0.20	2.1
250	1,800	35×120	0.20	2.5
250	2,200	35×120	0.20	2.8
	2,700	50×100	0.20	3.5
	3,300	50 × 120	0.20	4.2
	3,900	50 × 120	0.20	4.6
	4,700	63.5×120	0.20	5.7
	5,600	63.5 × 120	0.20	6.3
	6,800	76.5 × 120	0.20	7.7
	8,200	76.5 × 120	0.20	8.4
	10,000	76.5×140 89×140	0.20	10.0
	12,000 15,000	89 × 140	0.20	11.9 12.2
	180	35 × 50	0.20	0.8
	220	35 × 50	0.10	0.9
	270	35 × 50	0.10	1.0
	330	35 × 50	0.10	1.1
	390	35 × 50	0.10	1.2
	470	35×60	0.10	1.4
	560	35×60	0.10	1.5
	680	35×80	0.10	1.6
315	820	35 × 80	0.15	1.7
	1,000	35×100	0.15	2.0
	1,200	35 × 120	0.15	2.4
313	1,500	50 × 80	0.15	2.7
	1,800	50 × 100	0.15	3.3
	2,200	50 × 100	0.15	4.0
	2,700	50 × 120	0.15	4.4
	3,300	63.5 × 100	0.15	5.1
	3,900 4,700	63.5 × 120 76.5 × 100	0.15	6.0
	5,600	76.5 × 100	0.15	6.8
	6,800	89 × 130	0.15	9.2
	8,200	89×140	0.15	11.4
	10,000	89×140	0.15	12.6
	180	35 × 50	0.10	0.8
	220	35 × 50	0.10	0.9
	270	35 × 50	0.10	1.0
	330	35 × 50	0.10	1.1
	390	35 × 50	0.10	1.1
	470	35 × 60	0.10	1.4
	560	35 × 80	0.10	1.6
	680	35 × 80	0.15	1.6
050	820	35 × 100	0.15	1.8
350	1,000	35 × 120	0.15	2.2
	1,200	50 × 80	0.15	2.4
	1,500	50 × 100	0.15	3.0
	1,800	50 × 120	0.15	3.6
	2,200 2,700	50 × 120 63.5 × 100	0.15	4.0
	3,900	76.5×120	0.15	6.7
	5,600	76.5 × 130	0.15	8.3
	6,800	76.5 × 140	0.15	9.5
	8,200	89×140	0.15	11.4
				1



RATINGS OF TGA(KMH) Series

VDC	Capacitance (µF)	øD×L(mm)	Tan∂	Rated Ripple Current (Arms/105°C,120Hz)
	180	35 × 50	0.10	0.8
	220	35 × 50	0.10	0.9
	270	35 × 50	0.10	1.0
	330	35×60	0.10	1.2
	390	35×60	0.10	1.2
	470	35×80	0.10	1.4
	560	35×80	0.15	1.4
	680	35 × 100	0.15	1.7
	820	35 × 120	0.15	2.0
400	1,000	50 × 80	0.15	2.2
	1,200	50 × 100	0.15	2.7
	1,500	50 × 120	0.15	3.3
	2,200	63.5 × 100	0.15	4.2
	3,300	63.5 × 120	0.15	5.5
	4,700	76.5 × 130	0.15	7.6
	5,600	89 × 140	0.15	9.4
	6,800	89 × 140	0.15	10.4
	18,000	100 × 220	0.15	21.9
	22,000	100 × 250	0.15	25.6

VDC	Capacitance (µF)	øD×L(mm)	Tan∂	Rated Ripple Current (Arms/105°C,120Hz)
	1,000	50 × 80	0.15	2.0
	1,200	50 × 100	0.15	2.5
	1,500	50 × 120	0.15	3.1
	1,800	50 × 120	0.15	3.4
450	2,200	63.5 × 100	0.15	3.9
	3,300	63.5 × 120	0.15	5.2
	3,900	76.5 × 120	0.15	5.9
	4,700	76.5 × 130	0.15	7.2
	5,600	89×140	0.15	8.9
	15,000	100 × 220	0.15	18.9
	18,000	100 × 250	0.15	22.0

RATED RIPPLE CURRENT

Frequency Multiplying Factor

Capacitance	ØD(mm)	Frequency(Hz)				
(VDC)	אָט(וווווו)	60	120	300	1k	10k~
10 ~ 50	ø35 ~ ø100	0.95	1.00	1.03	1.05	1.09
63 ~ 80	ø 35	0.90	1.00	1.06	1.10	1.08
05 ~ 60	ø50 ~ ø100	0.95	1.00	1.03	1.05	1.09
	ø 35	0.82	1.00	1.12	1.22	1.30
100	ø 50	0.90	1.00	1.06	1.10	1.18
	ø63.5 ~ Ø100	0.95	1.00	1.03	1.05	1.09
	ø 35	0.80	1.00	1.19	1.34	1.46
160 ~ 250	ø50 ~ ø63.5	0.81	1.00	1.14	1.26	1.36
	ø76.5 ∼ ø100	0.82	1.00	1.12	1.22	1.30
315 ~ 450	ø35 ~ ø100	0.80	1.00	1.19	1.34	1.46