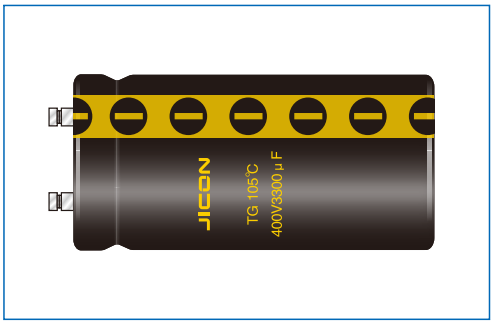
TG 系 列 SERIES

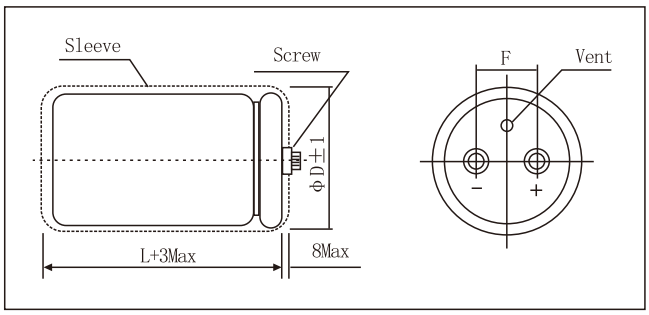
- 105℃ Long life,Screw Type
- Load life : 105℃ 5000 hours
- Complied to the RoHS directive



◆ SPECIFICATION

Items	Characteristics
Operating Temperature Range(℃)	-25~+105℃
Voltage range (V)	350~450V
Capacitance Range (μF)	1000~15000μF
Capacitance Tolerance	±20% (at 20℃,120Hz)
Dissipation Factor(Tan δ)	U_R(V) 350 400 450; tg δ 0.2 (at 20℃,120Hz)
leakage current (μA)	I=0.01$C_R U_R$ or 5mA (at 20℃,After 5 minutes application of rate voltage) I=Leakage Current U_R=Rated Voltage C_R=Rated Capacitance
Load Life	The following specifications shall be satisfied when the capacitors are restored to 20℃ after subjected to DC voltage with the rated rippled current is applied for 5000 hours at 105℃ Capacitance change: Within ±15%initial value D.F.(Tan δ): Not more than 175% of specified value leakage current: Not more than specified value
Shelf Life	After leaving capacitors under no load at 105° C for 1000 hours, they meet the characteristic requirements listed at right. Capacitance change: Within ±20%initial value D.F.(Tan δ): Not more than 200% of specified value leakage current: Not more than 200% of specified value

◆ DIMENSIONS(mm)



D	35	50.8	63.5	76	89	100
F	13	22	28	32	32	42

◆ Frequency Coefficient

Frequency(Hz)	50/60Hz	100Hz 120Hz	1kHz	10kHz	100kHz
Coefficient	0.70	1.00	1.10	1.30	1.40

◆ Temperature Coefficient

Temperature(℃) / Rated Voltage(V)	+40	+55	+70	+85	+105
≥350wv	3.8	3.0	2.5	2.0	1.0

TG 系 列 SERIES

◆ STANDARD RATINGS

UR (Surge Voltage) Code	Rated Capaci-tance	Rated Ripple Current 85℃ 120Hz	Size ΦD×L
(V)	(μF)	(A rms)	(mm)
350V (400) 2V	1000	3.9	50.8×75
	1200	4.2	50.8×75
	1500	5.2	50.8×95
	1800	5.7	50.8×95
	2200	7.1	50.8×130
	2700	7.7	63.5×95
	3300	9.1	63.5×115
	3900	10.4	63.5×130
	4700	12.2	63.5×155
		11.5	76×115
	5600	14.6	63.5×195
		13.1	76×130
	6800	15.5	76×155
	8200	18.1	89×155
	10000	.19.9	89×155
	12000	23.8	89×195
	15000	28.8	89×240
400 (450) 2G	1000	3.9	50.8×80
	1200	4.6	50.8×95
	1500	5.6	50.8×115
	1800	6.4	50.8×130
	2200	6.9	63.5×95
	2700	8.2	63.5×115
	3300	9.5	63.5×130
	3900	11.1	63.5×155
		10.4	76×115
	4700	13.4	63.5×195
		12.0	76×130
	5600	14.6	63.5×195
		14.0	76×115
	6800	16.5	89×155
	8200	18.1	89×155
	10000	21.7	89×195
	12000	25.8	89×240

UR (Surge Voltage) Code	Rated Capaci-tance	Rated Ripple Current 85℃ 120Hz	Size ΦD×L
(V)	(μF)	(A rms)	(mm)
450 (500) 2W	1000	4.2	50.8×95
	1200	5.0	50.8×115
	1500	5.9	50.8×130
	1800	6.3	63.5×95
	2200	7.4	63.5×115
	2700	8.6	63.5×130
		8.7	76×115
	3300	10.2	63.5×155
		10.1	76×130
	3900	12.3	63.5×195
	4700	12.9	76×155
	5600	15.4	76×195
		14.9	89×155
	6800	18.0	89×195
	8200	19.8	89×195
	10000	23.6	89×240

Customer products are available on request