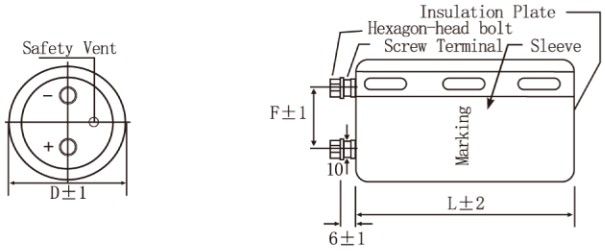
TW 系列 SERIES

- 2000h at 85℃
- 600V to 630V Standard at 85℃
- High Professional Inverters and Power Supplies

◆ SPECIFICATION

Items	Characteristics
Operating Temperature Range()	-25～+85℃
Voltage range (V)	600, 630V
Capacitance Range (μF)	1000～5600
Capacitance Tolerance	±20% (at 20℃, 120Hz)
leakage current (μA)	After 5 minutes at 20℃ application of rated voltage , leakage current is not more than 0.01CVor 5mA, whichever is smaller , C:Nominal Capacitance (μF) V :Rated Voltage (V)
Dissipation Factor(Tan δ)	U_R(V) 600 630 ; tg δ 0.25 0.3
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 2000 hours at 85℃
	Capacitance change: Within ±20%initial value
	D.F. (Tan δ): 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℃ after exposing them for 1000 hours at 85℃without voltage applied .Before the measurement , the capacitor shall be preconditioned by applying voltage according to Item 4.1 of JIS C 5101-4.
	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)	50/60	120	300	1K	≥10K
Cofficient	0.80	1.00	1.10	1.30	1.40

◆ Temperature Coefficient

Temperature(℃)	+40	+60	+85
Coefficient	1.89	1.67	1.00

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◆ STANDARD RATINGS

UR (Surge Voltage) Code	Rated Capaci-tance	Max ESR 20℃120Hz	Rated Ripple Current 85℃ 120Hz	Size ΦD×L
(V)	(μF)	(mΩ)	(A rms)	(mm)
600 (650) 2S	1200	242	7.7	63.5×96
	1500	224	9.3	63.5×115
	1800	194	10.1	76×96
	2200	162	12.0	76×115
	2700	132	14.0	76×130
	3300	88	16.4	76×155
		88	16.4	89×131
	3900	74	17.8	89×131
	4700	62	21.0	89×157
	5600	56	24.5	89×196
630 (680) J2	1000	300	6.0	63.5×130
	1200	266	6.7	76×115
	1500	212	8.1	76×130
	1800	176	9.8	76×155
	2200	144	10.7	89×131
	2700	128	12.8	89×157
	3300	106	14.7	89×171
	3900	94	17.9	89×196
	4700	78	21.6	89×196
	5600	70	24.9	100×220

Customer products are available on request