Screw Terminal Type

Discontinued

Series:GTA



Japan

■ Features

High ripple current handling capability (50 % higher than series G-UP)
Newly improved long life and safety design (Endurance : 85°C 5000 h)

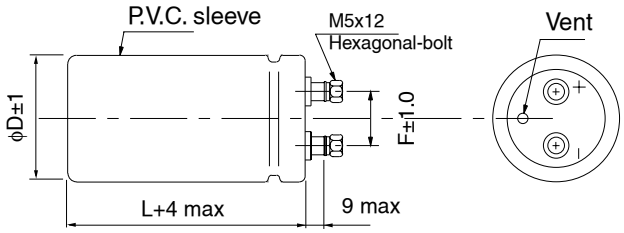
■ Recommended Applications

Suitable for the Hi-ripple circuit of electric vehicle, electric train, general-purpose inverter.

■ Specifications

Category temp. range	-25 to + 85°C							
Rated W.V. Range	450 V .DC							
Nominal Cap. Range	2700 to 12000 µ F							
Capacitance Tolerance	±20% (120Hz/+20°C)							
DC Leakage Current	3$\sqrt{CV}$ (µA) or 5 (mA) whichever, smaller, after 5 minutes application of rated working voltage at +20°C : Capacitance(µF) V: W.V. (V.DC)							
Frequency correction factor for ripple current	Frequency (Hz)	60	120	300	360	1k	3k	10k to
	Correction factor	0.80	1.00	1.15	1.18	1.30	1.40	1.48
Dissipation Factor	Please see the attached standard products list							
Endurance	After 5000 hours application of DC voltage with specified ripple current (≦ rated DC working voltage) at +85°C, the capacitor shall meet the following limits.							
	Capacitance change	± 20% of initial measured value						
	D.F.	≦ 200 % of initial specified value						
	DC leakage current	≦ initial specified value						
Shelf Life	After storage for 1000hours at +85±2 °C with no voltage applied and then being stabilized at +20 °C, capacitors shall meet the limits specified in ìEnduranceî.(With voltage treatment)							
Withstand Voltage	Application of 2000V.AC between V-block and terminals for 1 minute, there shall be no abnomalities like destruction of insulator.							

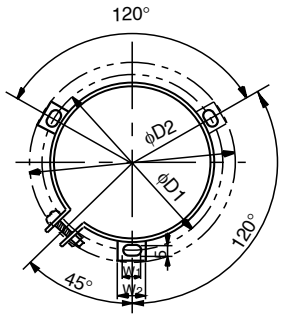
■ Dimensions in mm(not to scale)



(mm)

φD	F
64	28.6
77	31.8
90	31.8

■ Mounting clamp



(mm)

φD	φD1	φD2	W1	W2
64	76.0	86.0	8.0	13.0
77	89.0	100.0	8.0	14.0
90	101.6	113.0	8.0	14.0

Design, Specifications are subject to change without notice. Ask factory for technical specifications before purchase and/or use.
Whenever a doubt about safety arises from this product, please inform us immediately for technical consulation without fail.

■ Standard Products

W.V. (V)	Cap. (±20%) (μF)	Case size Dia. (mm)	Case size Length (mm)	Specification Ripple current (120Hz) (+85°C) (A)	Specification D.F. (120Hz) (+20°C)	Terminal Pitch (mm)	Part No.	( ):Mounting Clamp No	( ):Mounting Clamp Yes
450	2700	64	110	12.4	0.2	28.6	EEGTA2W272G( )	N	F
	3300	64	125	14.8	0.2	28.6	EEGTA2W332G( )	N	F
	3900	64	148	17.1	0.2	28.6	EEGTA2W392G( )	N	F
	4700	64	168	20.2	0.2	28.6	EEGTA2W472G( )	N	F
		77	125	19.2	0.2	31.8	EEGTA2W472H( )	N	F
	5600	64	192	23.5	0.2	28.6	EEGTA2W562G( )	N	F
		77	150	22.2	0.2	31.8	EEGTA2W562H( )	N	F
	6800	64	224	28.0	0.2	28.6	EEGTA2W682G( )	N	F
		77	170	26.1	0.2	31.8	EEGTA2W682H( )	N	F
		90	125	24.0	0.2	31.8	EEGTA2W682J( )	N	F
	8200	77	192	30.5	0.2	31.8	EEGTA2W822H( )	N	F
		90	150	26.4	0.2	31.8	EEGTA2W822J( )	N	F
	10000	77	224	36.0	0.2	31.8	EEGTA2W103H( )	N	F
		90	170	30.9	0.2	31.8	EEGTA2W103J( )	N	F
	12000	90	224	38.7	0.2	31.8	EEGTA2W123J( )	N	F

Endurance : 85°C 5000h

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