

Screw Terminal Type

Series:GTA

■ Features

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

Japan

■ Recommended Applications

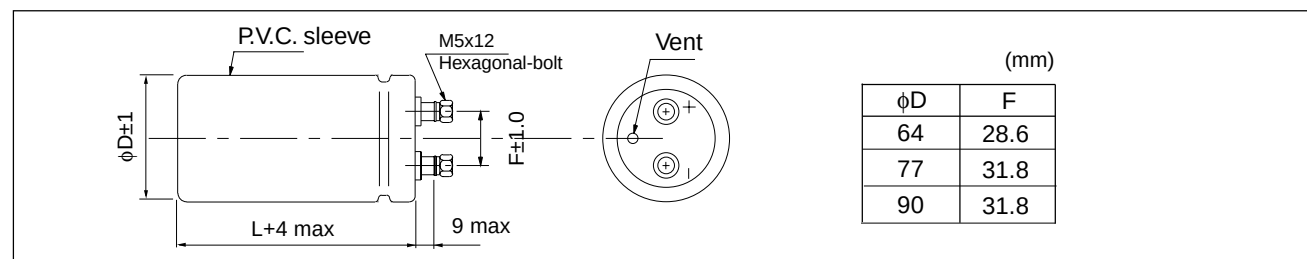
Suitable for the Hi-ripple circuit of electric vehicle,
electric train, general-purpose inverter.



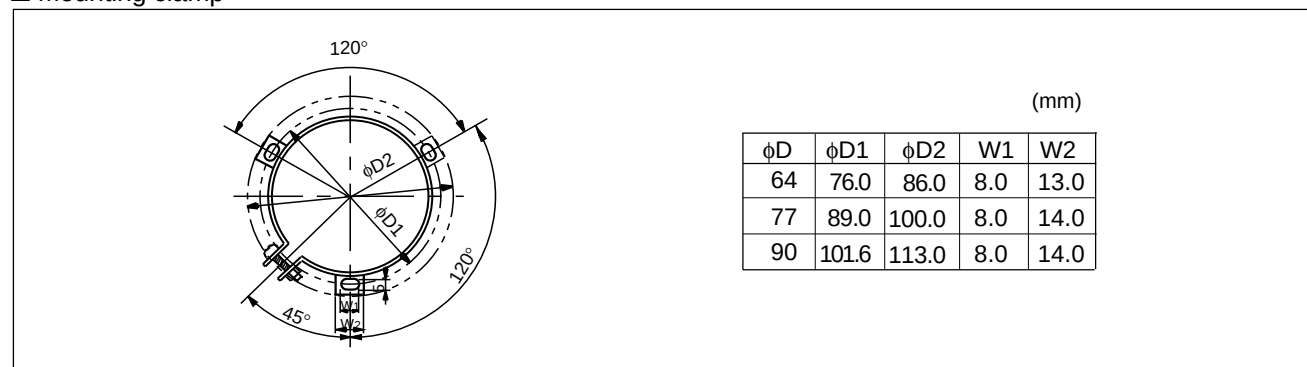
■ Specifications

Category temp. range	-25 to + 85°C								
Rated W.V. Range	400, 450 V .DC								
Nominal Cap. Range	2700 to 15000 μ F								
Capacitance Tolerance	±20% (120Hz/+20°C)								
DC Leakage Current	3√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 “Endurance”.(With voltage treatment)								
Withstand Voltage	Application of 2000V.AC between V-block and terminals for 1 minute, there shall be no abnormalities like destruction of insulator.								

■ Dimensions in mm(not to scale)



■ Mounting clamp



■ Standard Products

W.V. (V)	Cap. (±20%) (μF)	Case size		Specification		Terminal Pitch (mm)	Part No.	():Mounting Clamp	
		Dia.	Length	Ripple current (120Hz) (+85°C) (A)	D.F. (120Hz) (+20°C)			No	Yes
		(mm)	(mm)						
400	3300	64	110	12.7	0.2	28.6	EEGTA2G332G()	N	F
	3900	64	125	14.5	0.2	28.6	EEGTA2G392G()	N	F
	4700	64	148	17.4	0.2	28.6	EEGTA2G472G()	N	F
	5600	64	168	20.2	0.2	28.6	EEGTA2G562G()	N	F
		77	125	18.8	0.2	31.8	EEGTA2G562H()	N	F
	6800	64	192	23.9	0.2	28.6	EEGTA2G682G()	N	F
		77	150	22.6	0.2	31.8	EEGTA2G682H()	N	F
	8200	64	224	29.9	0.2	28.6	EEGTA2G822G()	N	F
		77	170	26.4	0.2	31.8	EEGTA2G822H()	N	F
		90	125	22.4	0.2	31.8	EEGTA2G822J()	N	F
	10000	77	192	30.7	0.2	31.8	EEGTA2G103H()	N	F
		90	150	26.7	0.2	31.8	EEGTA2G103J()	N	F
	12000	77	224	35.8	0.2	31.8	EEGTA2G123H()	N	F
		90	170	31.7	0.2	31.8	EEGTA2G123J()	N	F
	15000	90	224	38.5	0.2	31.8	EEGTA2G153J()	N	F
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	190	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 5000 h