

ASG Series

- Non solvent resistant type
- RoHS2 Compliant

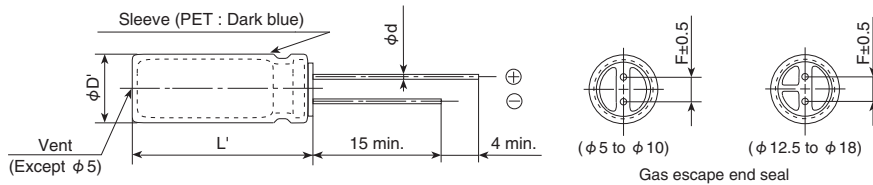


◆ SPECIFICATIONS

Items	Characteristics	
Category Temperature Range	-40 to +85°C	
Rated Voltage Range	6.3 to 100V _{ac}	
Capacitance Tolerance	±20% (M) (at 20°C, 120Hz)	
Leakage Current	I=0.01CV or 3µA, whichever is greater. Where, I : Max. leakage current (µA), C : Nominal capacitance (µF), V : Rated voltage (V) (at 20°C after 2 minutes)	
Dissipation Factor (tan δ)	Rated voltage (V _{ac})	6.3V 10V 16V 25V 35V 50V 63V 100V
	tan δ (Max.)	0.34 0.24 0.20 0.16 0.14 0.12 0.10 0.08
	When nominal capacitance exceeds 1,000µF, add 0.02 to the value above for each 1,000µF increase. (at 20°C, 120Hz)	
Low Temperature Characteristics (Max. Impedance Ratio)	Rated voltage (V _{ac})	6.3V 10V 16V 25V 35V 50V 63V 100V
	Z(-25°C)/Z(+20°C)	5 4 3 2 2 2 2 2
	Z(-40°C)/Z(+20°C)	12 10 8 5 4 3 3 3
	(at 120Hz)	
Endurance	The following specifications shall be satisfied when the capacitors are restored to 20°C after the rated voltage is applied for 2,000 hours at 85°C.	
	Capacitance change	≤ ±20% of the initial value
	D.F. (tan δ)	≤ 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 exposing them for 500 hours at 85°C 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	≤ ±20% of the initial value
	D.F. (tan δ)	≤ 200% of the initial specified value
	Leakage current	≤ The initial specified value

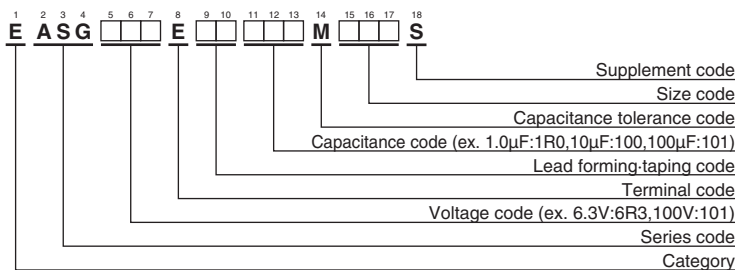
◆ DIMENSIONS [mm]

- Terminal Code : E



φ D	5	6.3	8	10	12.5	16	18
φ d	0.5	0.5	0.6	0.6	0.6	0.8	0.8
F	2.0	2.5	3.5	5.0	5.0	7.5	7.5
φ D'	φ D + 0.5 max.						
L'	L + 1.5 max.						

◆ PART NUMBERING SYSTEM



Please refer to "Product code guide (radial lead type)"

◆STANDARD RATINGS

WV (V _{dc})	Cap (μF)	Case size φD×L(mm)	tan δ	Part No.	WV (V _{dc})	Cap (μF)	Case size φD×L(mm)	tan δ	Part No.
6.3	330	6.3 × 11	0.34	EASG6R3E□□331MF11S	50	1.0	5 × 11	0.12	EASG500E□□1R0ME11S
	470	6.3 × 11	0.34	EASG6R3E□□471MF11S		2.2	5 × 11	0.12	EASG500E□□2R2ME11S
	1,000	8 × 11.5	0.34	EASG6R3E□□102MHB5S		3.3	5 × 11	0.12	EASG500E□□3R3ME11S
	2,200	10 × 20	0.36	EASG6R3E□□222MJ20S		4.7	5 × 11	0.12	EASG500E□□4R7ME11S
	3,300	10 × 20	0.38	EASG6R3E□□332MJ20S		10	5 × 11	0.12	EASG500E□□100ME11S
	4,700	12.5 × 20	0.40	EASG6R3E□□472MK20S		22	5 × 11	0.12	EASG500E□□220ME11S
	6,800	12.5 × 25	0.44	EASG6R3E□□682MK25S		33	5 × 11	0.12	EASG500E□□330ME11S
	10,000	16 × 25	0.52	EASG6R3E□□103ML25S		47	6.3 × 11	0.12	EASG500E□□470MF11S
	15,000	16 × 35.5	0.62	EASG6R3E□□153MLP1S		100	8 × 11.5	0.12	EASG500E□□101MHB5S
	22,000	18 × 40	0.76	EASG6R3E□□223MM40S		220	10 × 12.5	0.12	EASG500E□□221MJC5S
10	220	5 × 11	0.24	EASG100E□□221ME11S	330	10 × 16	0.12	EASG500E□□331MJ16S	
	330	6.3 × 11	0.24	EASG100E□□331MF11S	470	10 × 20	0.12	EASG500E□□471MJ20S	
	470	6.3 × 11	0.24	EASG100E□□471MF11S	1,000	12.5 × 25	0.12	EASG500E□□102MK25S	
	1,000	10 × 12.5	0.24	EASG100E□□102MJC5S	2,200	16 × 35.5	0.14	EASG500E□□222MLP1S	
	2,200	10 × 20	0.26	EASG100E□□222MJ20S	3,300	18 × 35.5	0.16	EASG500E□□332MMP1S	
	3,300	12.5 × 20	0.28	EASG100E□□332MK20S	63	10	5 × 11	0.10	EASG630E□□100ME11S
	4,700	12.5 × 25	0.30	EASG100E□□472MK25S		22	5 × 11	0.10	EASG630E□□220ME11S
	6,800	16 × 25	0.34	EASG100E□□682ML25S		33	6.3 × 11	0.10	EASG630E□□330MF11S
	10,000	16 × 35.5	0.42	EASG100E□□103MLP1S		47	6.3 × 11	0.10	EASG630E□□470MF11S
	15,000	18 × 35.5	0.52	EASG100E□□153MMP1S		100	10 × 12.5	0.10	EASG630E□□101MJC5S
16	100	5 × 11	0.20	EASG160E□□101ME11S		220	10 × 16	0.10	EASG630E□□221MJ16S
	220	6.3 × 11	0.20	EASG160E□□221MF11S		330	10 × 20	0.10	EASG630E□□331MJ20S
	330	8 × 11.5	0.20	EASG160E□□331MHB5S		470	12.5 × 20	0.10	EASG630E□□471MK20S
	470	8 × 11.5	0.20	EASG160E□□471MHB5S		1,000	16 × 25	0.10	EASG630E□□102ML25S
	1,000	10 × 16	0.20	EASG160E□□102MJ16S		2,200	18 × 35.5	0.12	EASG630E□□222MMP1S
	2,200	12.5 × 20	0.22	EASG160E□□222MK20S	100	1.0	5 × 11	0.08	EASG101E□□1R0ME11S
	3,300	12.5 × 25	0.24	EASG160E□□332MK25S		2.2	5 × 11	0.08	EASG101E□□2R2ME11S
	4,700	16 × 25	0.26	EASG160E□□472ML25S		3.3	5 × 11	0.08	EASG101E□□3R3ME11S
	6,800	16 × 31.5	0.30	EASG160E□□682MLN3S		4.7	5 × 11	0.08	EASG101E□□4R7ME11S
	10,000	18 × 35.5	0.38	EASG160E□□103MMP1S		10	6.3 × 11	0.08	EASG101E□□100MF11S
25	47	5 × 11	0.16	EASG250E□□470ME11S		22	8 × 11.5	0.08	EASG101E□□220MHB5S
	100	6.3 × 11	0.16	EASG250E□□101MF11S		33	8 × 11.5	0.08	EASG101E□□330MHB5S
	220	8 × 11.5	0.16	EASG250E□□221MHB5S		47	10 × 12.5	0.08	EASG101E□□470MJC5S
	330	8 × 11.5	0.16	EASG250E□□331MHB5S		100	10 × 20	0.08	EASG101E□□101MJ20S
	470	10 × 12.5	0.16	EASG250E□□471MJC5S		220	12.5 × 25	0.08	EASG101E□□221MK25S
	1,000	10 × 20	0.16	EASG250E□□102MJ20S	330	12.5 × 25	0.08	EASG101E□□331MK25S	
	2,200	12.5 × 25	0.18	EASG250E□□222MK25S	470	16 × 25	0.08	EASG101E□□471ML25S	
	3,300	16 × 25	0.20	EASG250E□□332ML25S	1,000	18 × 40	0.08	EASG101E□□102MM40S	
	4,700	16 × 31.5	0.22	EASG250E□□472MLN3S					
	6,800	18 × 35.5	0.26	EASG250E□□682MMP1S					
35	47	5 × 11	0.14	EASG350E□□470ME11S					
	100	6.3 × 11	0.14	EASG350E□□101MF11S					
	220	8 × 11.5	0.14	EASG350E□□221MHB5S					
	330	10 × 12.5	0.14	EASG350E□□331MJC5S					
	470	10 × 16	0.14	EASG350E□□471MJ16S					
	1,000	12.5 × 20	0.14	EASG350E□□102MK20S					
	2,200	16 × 25	0.16	EASG350E□□222ML25S					
	3,300	16 × 35.5	0.18	EASG350E□□332MLP1S					
	4,700	18 × 35.5	0.20	EASG350E□□472MMP1S					

□□ : Enter the appropriate lead forming or taping code.