

AWJ Series

- Please consult with us when you need "Bi-polar" type
- Non solvent resistant type
- RoHS2 Compliant

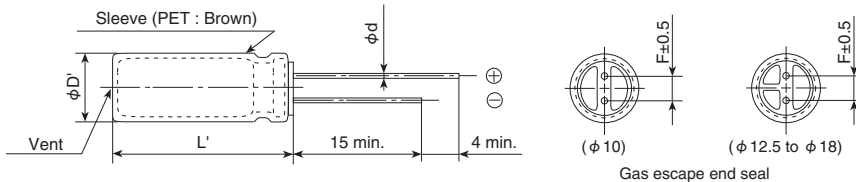


◆ SPECIFICATIONS

Items	Characteristics					
Category	-40 to +85°C					
Temperature Range	-40 to +85°C					
Rated Voltage Range	16 to 100V _{dc}					
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 _{dc})	16V	25V	50V	80V	100V
	tan δ (Max.)	0.16	0.14	0.10	0.08	0.07
Low Temperature Characteristics (Max. Impedance Ratio)	Rated voltage (V _{dc})	16V	25V	50V	80V	100V
	Z(-25°C)/Z(+20°C)	2	2	2	2	2
	Z(-40°C)/Z(+20°C)	6	4	3	3	3
Endurance	The following specifications shall be satisfied when the capacitors are restored to 20°C after the rated voltage is applied for 1,000 hours at 85°C.					
	Capacitance change	≤ ±20% of the initial value				
	D.F. (tan δ)	≤ 150% 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)	≤ 150% of the initial specified value				
	Leakage current	≤ The initial specified value				

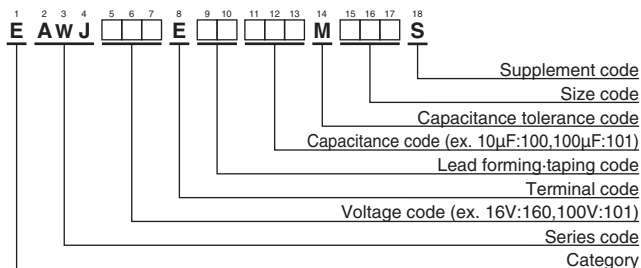
◆ DIMENSIONS [mm]

- Terminal Code : E



φD	10	12.5	16	18
φd	0.8	0.8	0.8	0.8
F	5.0		7.5	
φD'	φD + 0.5 max.			
L'	L + 1.5 max.		L + 2.0 max.	

◆ PART NUMBERING SYSTEM



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

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◆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.
16	220	10 × 20	0.16	EAWJ160E□□221MJ20S	80	22	10 × 16	0.08	EAWJ800E□□220MJ16S
	330	12.5 × 20	0.16	EAWJ160E□□331MK20S		33	10 × 20	0.08	EAWJ800E□□330MJ20S
	470	12.5 × 25	0.16	EAWJ160E□□471MK25S		47	10 × 20	0.08	EAWJ800E□□470MJ20S
	1,000	16 × 31.5	0.16	EAWJ160E□□102MLN3S		100	12.5 × 25	0.08	EAWJ800E□□101MK25S
25	100	10 × 16	0.14	EAWJ250E□□101MJ16S		220	16 × 31.5	0.08	EAWJ800E□□221MLN3S
	220	12.5 × 20	0.14	EAWJ250E□□221MK20S		330	16 × 35.5	0.08	EAWJ800E□□331MLP1S
	330	12.5 × 25	0.14	EAWJ250E□□331MK25S	470	18 × 40	0.08	EAWJ800E□□471MM40S	
	470	16 × 25	0.14	EAWJ250E□□471ML25S	100	10	10 × 16	0.07	EAWJ101E□□100MJ16S
	1,000	16 × 35.5	0.14	EAWJ250E□□102MLP1S		22	10 × 20	0.07	EAWJ101E□□220MJ20S
50	22	10 × 16	0.10	EAWJ500E□□220MJ16S		33	12.5 × 20	0.07	EAWJ101E□□330MK20S
	33	10 × 16	0.10	EAWJ500E□□330MJ16S		47	12.5 × 25	0.07	EAWJ101E□□470MK25S
	47	10 × 16	0.10	EAWJ500E□□470MJ16S		100	16 × 25	0.07	EAWJ101E□□101ML25S
	100	12.5 × 20	0.10	EAWJ500E□□101MK20S		220	18 × 35.5	0.07	EAWJ101E□□221MMP1S
	220	16 × 25	0.10	EAWJ500E□□221ML25S	330	18 × 45	0.07	EAWJ101E□□331MM45S	
	330	16 × 31.5	0.10	EAWJ500E□□331MLN3S					
	470	16 × 35.5	0.10	EAWJ500E□□471MLP1S					
	1,000	18 × 45	0.10	EAWJ500E□□102MM45S					

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