

AWJ Series

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

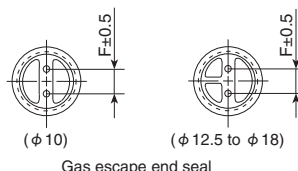
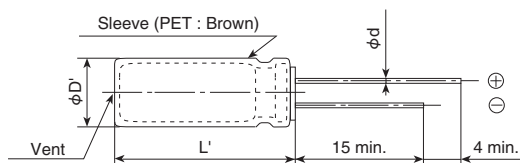


SPECIFICATIONS

Items	Characteristics									
Category	-40 to +85℃									
Temperature Range										
Rated Voltage Range	16 to 100V _{dc}									
Capacitance Tolerance	± 20% (M) (at 20℃, 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℃ after 2 minutes)									
Dissipation Factor (tan δ)	Rated voltage (V _{dc})	16V	25V	50V	80V	100V	(at 20℃, 120Hz)			
	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	(at 120Hz)			
	Z(-25℃)／Z(+20℃)	2	2	2	2	2				
	Z(-40℃)／Z(+20℃)	6	4	3	3	3				
Endurance	The following specifications shall be satisfied when the capacitors are restored to 20℃ after the rated voltage is applied for 1,000 hours at 85℃.									
	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℃ after exposing them for 500 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	≦ ±20% of the initial value								
	D.F. (tan δ)	≦150% of the initial specified value								
	Leakage current	≦The initial specified value								

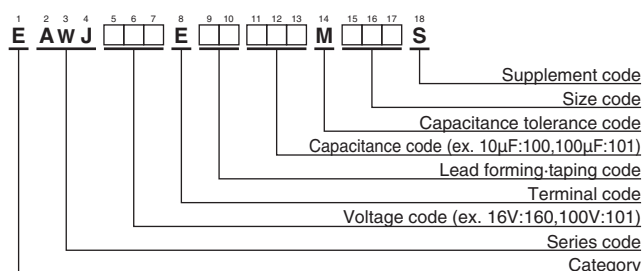
DIMENSIONS[mm]

- Terminal Code : E



ϕD	10	12.5	16	18
ϕd	0.8	0.8	0.8	0.8
F	5.0		7.5	
$\phi D'$	$\phi D + 0.5 \text{ max.}$			
L'	L + 1.5 max.		L + 2.0 max.	

PART NUMBERING SYSTEM



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

AWJ Series

◆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.