

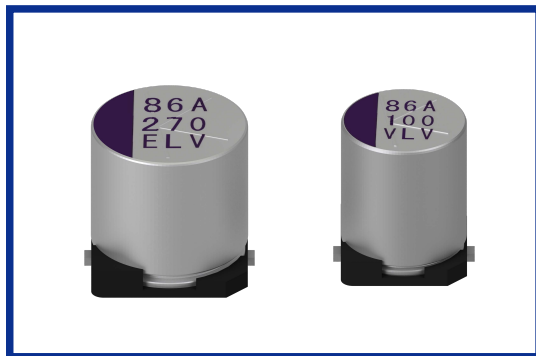
PLV SERIES

NEW

Load Life : 150°C 1000 hours (Hybrid Type), Chip Type

- High Temperature
- AEC-Q200.

RoHS compliance

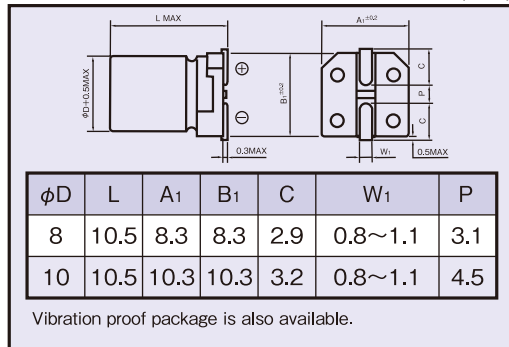


SPECIFICATIONS

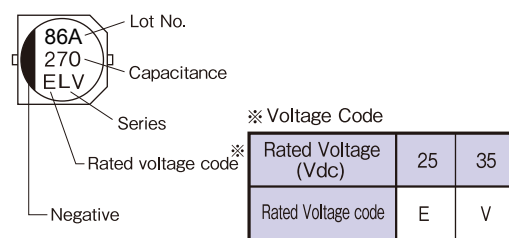
Items	Characteristics		
Category Temperature Range	-55~+150°C		
Rated Voltage Range	25~35Vdc		
Capacitance Tolerance	±20% (20°C, 120Hz)		
Leakage Current(MAX)	The value is shown "STANDARD SIZE" table (After 2 minutes)		
Dissipation Factor(MAX) (tanδ)	The value is shown "STANDARD SIZE" table (20°C, 120Hz)		
Test Condition	Endurance	After applying rated voltage with rated ripple current for 1000 hours at 150°C, the capacitors shall meet the criteria.	
	Biased Humidity	After applying rated voltage for 2000 hours at 85°C and humidity of 85%, the capacitors shall meet the criteria.	
	Criteria	Capacitance Change	Within ±30% of the initial value.
		Dissipation Factor	Not more than 200% of the specified value.
E.S.R		Not more than 200% of the initial specified value.	
Leakage Current		Not more than the initial specified value.	
Low Temperature Stability Impedance Ratio(MAX)	$Z(-55°C) / Z(+20°C) \leq 2.0$ (100kHz) $Z(-25°C) / Z(+20°C) \leq 1.5$		

DIMENSIONS

(mm)



MARKING



MULTIPLIER FOR RIPPLE CURRENT

Frequency (Hz)	120	1k	10k	100k≤
Coefficient	0.05	0.30	0.70	1.00

STANDARD SIZE

Rated Voltage (Vdc)	Capacitance (μF)	Size φD×L(mm)	tanδ (120Hz, 20°C)	Leakage Current (μA/2min)	E.S.R. (mΩmax.)		Rated Ripple Current (mA rms/150°C, 100kHz)
					20°C, 100kHz	-40°C, 10kHz	
25	150	8×10.5	0.14	37.5	25	38	1400
	270	10×10.5	0.14	67.5	20	30	1800
35	100	8×10.5	0.12	35.0	25	38	1400
	150	10×10.5	0.12	52.5	20	30	1800

PART NUMBER

