

Hybrid Conductive Polymer Type / Surface Mount Type

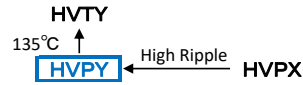
RoHS compliance

HVPY Series

125°C Long Life

High Ripple Current

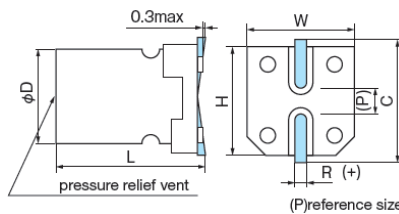
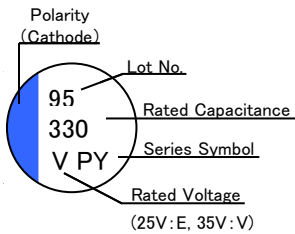
- 125°C 4,000hours
- Solvent proof (within 2 minutes)
- AEC-Q200



Specifications

Items	Condition	Specifications	
Rated voltage (V)	—	25	35
Surge voltage (V)	Room temperature	32	44
Category temperature range (°C)	—	-55 to +125	
Capacitance tolerance (%)	120Hz/20°C	M: ±20	
Dissipation Factor (tan δ)	tan δ (max) 120Hz/20°C	0.14	0.12
Leakage current (LC)	μA/after 2 minutes (max)	0.01CV	
Endurance	125°C, 4,000hours rated voltage applied (With the rated ripple current)	ΔC/C	Within ±30% of the initial value
		tan δ	Less than 200% of the specified value
		ESR	Less than 200% of the specified value
		LC	Less than the specified value

Marking, Dimensions



(Unit: mm)

D ±0.5	L ±0.3	W ±0.2	H ±0.2	C ±0.2	R	P
10	10.5	10.3	10.3	11.0	1.0 to 1.4	4.6
10	12.5	10.3	10.3	11.0	1.0 to 1.4	4.6

Size, ESR, Rated Ripple Current

μF \ V	25			35		
270				10 × 10.5	18	4000
330	10 × 10.5	18	4000	10 × 12.5	14	4700
470	10 × 12.5	14	4700			

Case size: φD × L (mm)

ESR (mΩ) max at 100kHz, 20°C

Rated ripple current
mA_{rms}(100kHz, 125°C)

Part number

