

Hybrid Conductive Polymer Type / Surface Mount Type

RoHS compliance

HVTY Series

135°C Long Life

High Ripple Current

- 135°C 4,000hrs.
- Solvent proof (within 2 minutes)
- AEC-Q200

HVTY
135°C ↑
HVPY

NEW

■ Specifications

Items	Condition	Specifications	
Rated voltage (V)	—	25	35
Surge voltage (V)	Room temperature	32	44
Category temperature range (°C)	—	-55 to +135	
Capacitance tolerance (%)	120Hz/20°C	M: ±20	
Dissipation Factor (tanδ)	tanδ (max) 120Hz/20°C	0.14	0.12
Leakage current (LC)	μ A/after 2minutes (max)	0.01CV	
Endurance	135°C rated voltage applied (With the rated ripple current)	Test	4,000hrs.
		Δ C/C	Within ±30% of the initial value
		tanδ	Less than 200% of the specified value
		ESR	Less than 200% of the specified value
		LC	Less than the specified value

■ Marking, Dimensions

Polarity (Cathode) Lot No.

Rated Capacitance
Series Symbol
Rated Voltage
(25V.E, 35V.V)

A pressure relief vent is attached to products over φD=8

(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

μ F \ V	25		35	
	270			10 × 10.5
330	10 × 10.5	18 2500	10 × 12.5	14 2750
470	10 × 12.5	14 2750		

ESR(mΩ)
max at 100kHz, 20°C

Case size: φ D x L (mm)

Rated ripple current
mArms(100kHz, 135°C)

■ Model No.

