

Hybrid Conductive Polymer Type / Surface Mount Type

RoHS compliance

HVTY Series

135°C Long Life

High Ripple Current



NEW

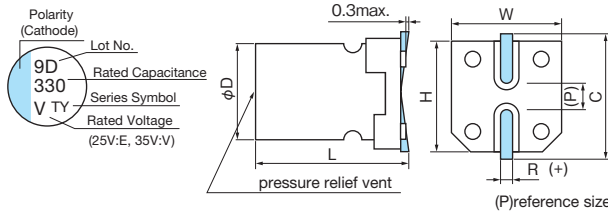
- 135°C 4,000hours
- Solvent proof (within 2 minutes)
- AEC-Q200

HVTY
↑ 135°C
HVPY (P.30)

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 (tan δ)	tanδ (max.) 120Hz/20°C	0.14	0.12
Leakage current (LC)	μA/after 2minutes (max.)	0.01CV	
Endurance	135°C, 4,000hours rated voltage applied (With the rated ripple current)	ΔC/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



(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	2500
330	10×10.5	18	2500	10×12.5	14	2750
470	10×12.5	14	2750			

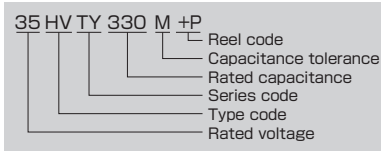
Please refer to page 17 for ripple current frequency coefficients.

Case size: φDxL (mm)

Rated ripple current
mA_{rms}(100kHz, 135°C)

ESR(mΩ)max. at 100kHz, 20°C

Part number



Soldering Condition
Reflow Soldering
Condition
Ripple Current Frequency
Coefficient

- HVA
- HVBF
- HVH
- HVP
- HVT
- HVJ
- HVHZ
- HVPZ
- HVHF
- HVPF
- HVPX
- HVTX

HVPY **NEW**

HVTY **NEW**

- HVPC
- HEHZ
- HEPZ
- HEHF
- HEPF