

Hybrid Conductive Polymer Type / Surface Mount Type

RoHS compliance

HVTY Series

135°C Long Life

High Ripple Current

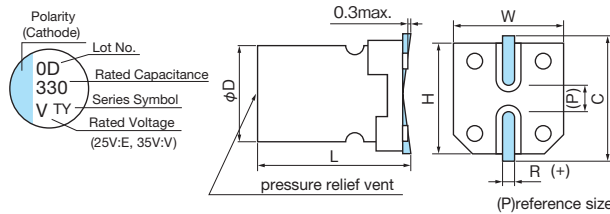


- 135°C 4,000hours
- Solvent proof (within 2 minutes)
- AEC-Q200

Specifications

Items	Condition	Specifications	
Rated voltage (V)	—	25	35
Surge voltage (V)	Room temperature	32	44
Category temperature range (°C)	—	-55 to +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			

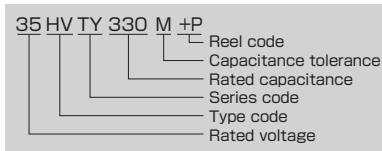
Please refer to page 18 for ripple current frequency coefficients.

Case size: φD×L (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

HVHZ

HVPZ

HVHF

HVPF

HVPX

HVTX

HVPY

HVTY

HVHC **NEW**

HVPC

HVJ

FVF **NEW**

FVS **NEW**

HEHF

HEPF