Hybrid Conductive Polymer Type / Surface Mount Type **RoHS compliance**

HVPY Series

125℃

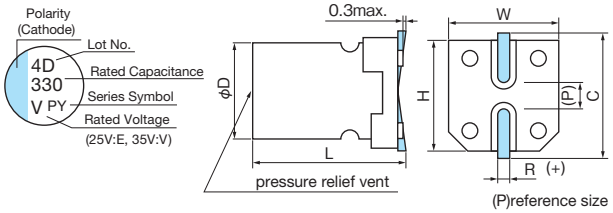
High Ripple Current

- 125℃ 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 (℃)	–		−55 to +125	
Capacitance tolerance (%)	120Hz/20℃		M : ±20	
Dissipation Factor(tan δ)	tanδ(max.)120Hz/20℃		0.14	0.12
Leakage current(LC)	μA/after 2minutes (max.), 20℃		0.01CV	
Endurance	125℃, 4,000hours rated voltage applied (With the rated ripple current)	△C/C	Within ±30% of the initial value	
		tanδ	Not more than 200% of the specified value	
		ESR	Not more than 200% of the specified value	
		LC	Not more than the specified value	
Shelf Life	125℃, 1,000hours(with no voltage load)		Shall meet the endurance spec above after voltage treatment at 20deg.C per JIS C 5101-4 4.1.	

■ 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			

Please refer to page 20 for ripple current frequency coefficients.

Case size:φDxL(mm)

Rated ripple current mArms(100kHz, 125℃)

ESR(mΩ)max. at 100kHz, 20℃

■ Part number

35 HV PY 330 M +P

- +P: Reel symbol
- M: Capacitance tolerance
- 330: Rated capacitance
- PY: Series symbol
- HV: Type symbol
- 35: Rated voltage