

Hybrid Conductive Polymer Type / Surface Mount Type

RoHS compliance

# HVPX Series

125°C Long Life  
High Ripple Current



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

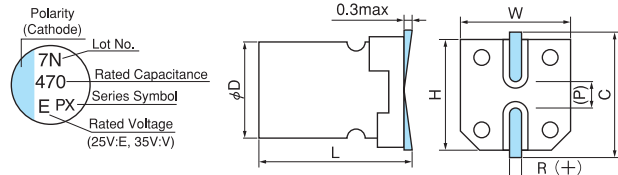
HVPX ← High Ripple → HVPF (P.29)

**NEW**

## 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 2minutes (max)	0.01CV	
Endurance	125°C rated voltage applied (With the rated ripple current)	Test	4,000hours
		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 <sup>+0.5max</sup>	L <sup>±0.3</sup>	W <sup>±0.2</sup>	H <sup>±0.2</sup>	C <sup>±0.2</sup>	R	P
8	10.5	8.3	8.3	9.0	0.7 to 1.0	3.2
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

A pressure relief vent is attached to products over φD=8 (P) preference size

## Size, ESR, Rated Ripple Current

μF \ V	25			35		
150				8 × 10.5	27	2900
220	8 × 10.5	27	2900			
270				10 × 10.5	20	3300
330	10 × 10.5	20	3300	10 × 12.5	17	3800
470	10 × 12.5	16	3800			

Please refer to page 19 for ripple current frequency coefficients.

ESR(mΩ) max at 100kHz, 20°C

Case size: φDxL(mm)

Rated ripple current mA rms (100kHz, 125°C)

## Model No.

