

HVPX Series

125°C

High Ripple Current

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



Specifications

Items	Condition	Specifications	
Rated voltage (V)	—	25	35
Surge voltage (V)	Room temperature	32	44
Category temperature range (°C)	—	-55 ~ +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)	μ A/after 2minutes (max)	0.01CV	
Endurance	125°C rated voltage applied (With the rated ripple current)	Test	4,000hours
		Δ C/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

Polarity

(Unit: mm)

D +0.5MAX.	L ±0.3	W ±0.2	H ±0.2	C ±0.2	R	P
8	10.5	8.3	8.3	9.0	0.7 ~ 1.0	3.2
10	10.5	10.3	10.3	11.0	1.0 ~ 1.4	4.6
10	12.5	10.3	10.3	11.0	1.0 ~ 1.4	4.6

Size, ESR, Rated Ripple Current

μ F \ V	25			35		
	150					
220	8 × 10.5	27	2900	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			

ESR (mΩ)
MAX.at 100kHz,20°C

Case size ; φ D × L(mm)

Rated ripple current
mA r.m.s.(100kHz,125°C)

Part number

