

Hybrid Conductive Polymer Type / Surface Mount Type

RoHS2

HVPX Series

125°C
High Ripple Current

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

TENTATIVE

■ Specifications

Items	Condition	Specifications		
Rated voltage (V)	—	50	63	80
Surge voltage (V)	Room temperature	63	79	100
Category temperature range (°C)	—	-55 to +125		
Capacitance tolerance (%)	120Hz/20°C	M: ±20		
Dissipation Factor (tan δ)	tan δ (max) 120Hz/20°C	0.10	0.08	0.08
Leakage current (LC)	μ A/after 2minutes (max)	≤ 63V	0.01CV	
		80V	0.05CV	
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 (Cathode)

Lot No.
87
82
J PX
Rated Voltage
(50V:H, 63V:J, 80V:K)

A pressure relief vent is attached to products over φD=8

(Unit: mm)

D ±0.5	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 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

■ Size, ESR, Rated Ripple Current

μ F \ V	50		63		80	
22					8 × 10.5	45 1600
33					10 × 10.5	36 2000
39					10 × 12.5	32 2300
47			8 × 10.5	40 2100		
68	8 × 10.5	30 2300				
82			10 × 10.5	30 2600		
100			10 × 12.5	22 3200		
120	10 × 10.5	28 2700				
150	10 × 12.5	19 3500				

Case size: φ D x L (mm) ESR (mΩ) max at 100kHz, 20°C Rated ripple current mArms (100kHz, 125°C)

■ Model No.

