



VXP SERIES

105°C 5000 hours, Snap-in Terminal Type

◆ FEATURES

- Load Life : 105°C 5000 hours.



◆ SPECIFICATIONS

Items	Characteristics																								
Category Temperature Range	-40~+105°C	-25~+105°C																							
Rated Voltage Range	10~100V.DC	160~400V.DC																							
Capacitance Tolerance	±20%(20°C,120Hz)																								
Leakage Current(MAX)	$I=3\sqrt{CV}$ (After 5 minutes application of rated voltage) I =Leakage Current(μA) V =Rated Voltage(V) C =Rated Capacitance(μF)																								
Dissipation Factor(MAX)	<table border="1"> <tr> <td>Rated Voltage(V)</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> <td>80</td> <td>100</td> <td>160~250</td> <td>315~400</td> <td rowspan="2">(20°C, 120Hz)</td> </tr> <tr> <td>tanδ</td> <td>0.55</td> <td>0.50</td> <td>0.45</td> <td>0.40</td> <td>0.35</td> <td>0.30</td> <td>0.25</td> <td>0.20</td> <td>0.15</td> <td>0.20</td> </tr> </table>		Rated Voltage(V)	10	16	25	35	50	63	80	100	160~250	315~400	(20°C, 120Hz)	tanδ	0.55	0.50	0.45	0.40	0.35	0.30	0.25	0.20	0.15	0.20
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tanδ	0.55	0.50	0.45	0.40	0.35	0.30	0.25	0.20	0.15	0.20															
Impedance Ratio(MAX)	<table border="1"> <tr> <td>Rated Voltage(V)</td> <td>10~100</td> <td>160~250</td> <td>315~400</td> <td rowspan="3">(120Hz)</td> </tr> <tr> <td>Z(-25°C)/Z(20°C)</td> <td>3</td> <td>3</td> <td>8</td> </tr> <tr> <td>Z(-40°C)/Z(20°C)</td> <td>12</td> <td></td> <td></td> </tr> </table>		Rated Voltage(V)	10~100	160~250	315~400	(120Hz)	Z(-25°C)/Z(20°C)	3	3	8	Z(-40°C)/Z(20°C)	12												
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Z(-25°C)/Z(20°C)	3	3	8																						
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Endurance	After applying rated voltage with rated ripple current for 5000hrs at 105°C, the capacitors shall meet the following requirements. <table border="1"> <tr> <td>Capacitance Change</td> <td>Within ±20%(For 10WV ; ±25%)of the initial value.</td> </tr> <tr> <td>Dissipation Factor</td> <td>Not more than 200% of the specified value.</td> </tr> <tr> <td>Leakage Current</td> <td>Not more than the specified value.</td> </tr> </table>		Capacitance Change	Within ±20%(For 10WV ; ±25%)of the initial value.	Dissipation Factor	Not more than 200% of the specified value.	Leakage Current	Not more than the specified value.																	
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◆ MULTIPLIER FOR RIPPLE CURRENT

Frequency coefficient

Frequency(Hz)		60(50)	120	500	1k	10k≤
Coefficient	10~100WV	0.90	1.00	1.05	1.10	1.15
	160~250WV	0.80	1.00	1.20	1.30	1.50
	315~400WV	0.80	1.00	1.20	1.25	1.40

◆ PART NUMBER

 VXP OOE DxL
 Rated Voltage Series Rated Capacitance Capacitance Tolerance Option Terminal Code Case Size

◆ Option

	Code
without plate	OOE
with plate	Blank

◆ DIMENSIONS

(mm)

