



BXP Series

• 105°C 10,000Hrs assured.

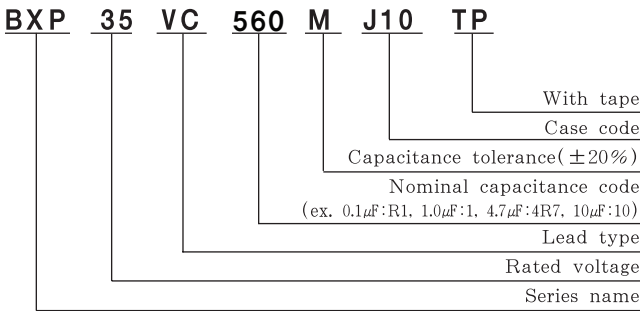
- Vertical SMD type
- Ultra low ESR, Long Life
- For STB, Tuner, Car
- RoHS compliant.
- Halogen-free capacitors are also available.
- AEC-Q200 compliant : Please contact us for more details, test data, information.



SPECIFICATIONS

Item	Characteristics											
Rated Voltage Range	25 ~ 35 V _{DC}											
Operating Temperature Range	-55℃ ~ +105℃											
Capacitance Tolerance	±20% (M) (at 20℃, 120Hz)											
Leakage Current	I = 0.01CV(μA) or 3μA, whichever is greater. Where, I : Max. Leakage current(μA), C : Nominal capacitance(μF), V : Rated voltage(V _{DC}) (at 20℃, 2 minutes)											
Dissipation Factor(Tanδ)	<table><tr><td>Rated Voltage(V_{DC})</td><td>25</td><td>35</td></tr><tr><td>Tanδ(Max.)</td><td>0.14</td><td>0.12</td></tr></table> (at 20℃, 120Hz)			Rated Voltage(V _{DC})	25	35	Tanδ(Max.)	0.14	0.12			
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Temperature Characteristics (Max. Impedance ratio)	<table><tr><td>Rated Voltage(V_{DC})</td><td>25</td><td>35</td></tr><tr><td>Z(-25℃)/Z(+20℃)</td><td>2</td><td>3</td></tr><tr><td>Z(-55℃)/Z(+20℃)</td><td>2</td><td>3</td></tr></table> (at 120Hz)			Rated Voltage(V _{DC})	25	35	Z(-25℃)/Z(+20℃)	2	3	Z(-55℃)/Z(+20℃)	2	3
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Load Life	The following specifications shall be satisfied when the capacitors are restored to 20℃ after the rated voltage is applied for 10,000hours at 105℃. Capacitance change ≤ ±35 % of the initial value Tanδ ≤ 300 % of the initial specified value Leakage current ≤ The initial specified value											
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20℃ after exposing them for 1,000 hours at 105℃ without voltage applied. The rated volage shall be applied to the capacitors for a minimum of 30 minutes, at least 24 hours and not more than 48 hours before the measurements. Capacitance change ≤ ±35 % of the initial value Tanδ ≤ 300 % of the initial specified value Leakage current ≤ The initial specified value											
Others	Satisfied characteristics KS C IEC 60384-4											

PART NUMBERING SYSTEM



RATED RIPPLE CURRENT MULTIPLIERS

Frequency Multipliers

Cap.(μF)	Freq.(Hz)	120	1K	10K	100K
560		0.50	0.85	0.94	1.00
740		0.60	0.87	0.95	1.00

DIMENSIONS OF BXP Series

Unit(mm)

DIMENSIONS

〈Size code : J10〉

MARKING

Recommended solder land on PC board

■ : Solder land on PC board

Note 1 : L±0.5 for H10 , J10

Case code	φ D	L	A	B	C	W	P	a	b	c	a	b	c
J10	10	10	10.3	10.3	11.0	0.7~1.1	4.5	4.5	4.4	2.2	4.5	4.4	3.5

● Vibration Resistance → ↑

RATINGS OF BXP Series

V _{DC}	Cap.(μF)	Case Code	ESR (<i>I</i> _{max} /20°C,100kHz)	Rated Ripple Current (mA _{rms} /105°C 100kHz)
25	740	J10	0.08	1,190
35	560	J10	0.08	1,190