

## SNX-BP Series

- Standard product for the speaker network which downsized conventional products
- Suitable for high-output speaker network
- Nominal capacitance range : 1 to 56μF, Rated voltage range : 63V
- Non solvent resistant type
- RoHS2 Compliant

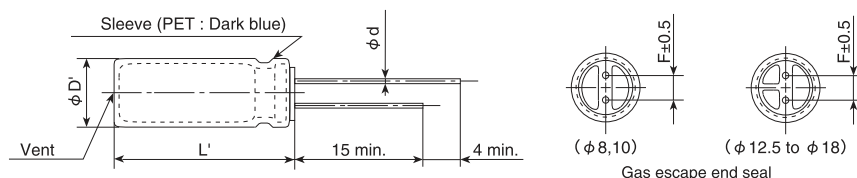


### ◆ SPECIFICATIONS

Items	Characteristics
Category Temperature Range	-40 to +85°C
Rated Voltage Range	63V <sub>dc</sub>
Rated Capacitance Range	1.0 to 56μF (at 20°C, 1kHz)
Capacitance Tolerance	±10%(K) (at 20°C, 1kHz)
Leakage Current	I=0.01CV or 3μA, whichever is greater. Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V) (at 20°C after 2 minutes)
Dissipation Factor (tan δ)	0.11 max. (at 20°C, 1kHz)
Low Temperature Characteristics (Max. Impedance Ratio)	Z(-25°C)/Z(+20°C) ≤ 2 Z(-40°C)/Z(+20°C) ≤ 4 (at 120Hz)
Endurance	The following specifications shall be satisfied when the capacitors are restored to 20°C after the rated voltage is applied for 1,000 hours at 85°C, however the polarization shall be reversed every 250 hours.
	Capacitance change ≤ ±15% of the initial value
	D.F. (tan δ) ≤ 150% of the initial specified value
	Leakage current ≤ The initial specified value (at 20°C, 1kHz)
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 500 hours at 85°C without voltage applied. Before the measurement, the capacitor shall be preconditioned by applying voltage according to Item 4.1 of JIS C 5101-4.
	Capacitance change ≤ ±15% of the initial value
	D.F. (tan δ) ≤ 150% of the initial specified value
	Leakage current ≤ The initial specified value (at 20°C, 1kHz)

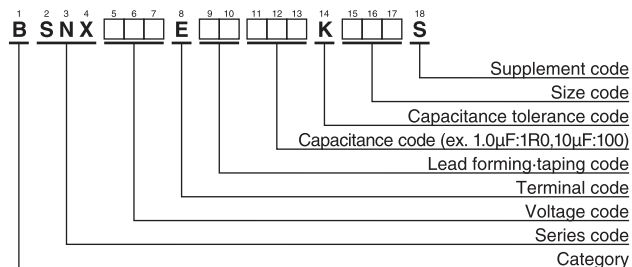
### ◆ DIMENSIONS[mm]

- Terminal Code : E



φ D	8	10	12.5	16	18
φ d	0.6	0.8	0.8	0.8	0.8
F	3.5	5.0	5.0	7.5	7.5
φ D'	φ D + 0.5 max.				
L'	L + 1.5 max.				

### ◆ PART NUMBERING SYSTEM



Please refer to "Product code guide (radial lead type)"

### ◆ STANDARD RATINGS

WV (V <sub>dc</sub> )	Cap (μF)	Case size φD×L(mm)	tan δ	Rated ripple current (mA <sub>rms</sub> /85°C, 1kHz)	Part No.	WV (V <sub>dc</sub> )	Cap (μF)	Case size φD×L(mm)	tan δ	Rated ripple current (mA <sub>rms</sub> /85°C, 1kHz)	Part No.
63	1.0	8 × 11.5	0.11	44	BSNX630E□□1R0KHB5S	63	8.2	12.5 × 20	0.11	197	BSNX630E□□8R2KK20S
	1.2	8 × 11.5	0.11	48	BSNX630E□□1R2KHB5S		10	12.5 × 25	0.11	236	BSNX630E□□100KK25S
	1.5	8 × 11.5	0.11	54	BSNX630E□□1R5KHB5S		12	12.5 × 25	0.11	259	BSNX630E□□120KK25S
	1.8	8 × 11.5	0.11	59	BSNX630E□□1R8KHB5S		15	12.5 × 25	0.11	290	BSNX630E□□150KK25S
	2.2	8 × 11.5	0.11	65	BSNX630E□□2R2KHB5S		18	16 × 25	0.11	351	BSNX630E□□180KL25S
	2.7	8 × 11.5	0.11	72	BSNX630E□□2R7KHB5S		22	16 × 25	0.11	388	BSNX630E□□220KL25S
	3.3	10 × 16	0.11	104	BSNX630E□□3R3KJ16S		27	16 × 35.5	0.11	474	BSNX630E□□270KLP1S
	3.9	10 × 16	0.11	113	BSNX630E□□3R9KJ16S		33	16 × 35.5	0.11	524	BSNX630E□□330KLP1S
	4.7	10 × 16	0.11	124	BSNX630E□□4R7KJ16S		39	18 × 35.5	0.11	594	BSNX630E□□390KMP1S
	5.6	10 × 20	0.11	146	BSNX630E□□5R6KJ20S		47	18 × 35.5	0.11	652	BSNX630E□□470KMP1S
6.8	10 × 20	0.11	161	BSNX630E□□6R8KJ20S	56	18 × 40	0.11	723	BSNX630E□□560KM40S		

□□ : Enter the appropriate lead forming or taping code.