

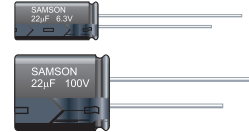
SAMSON

SFN Series

Bi-Polarized(無極性), For Speaker Network(音響用)

FEATURES

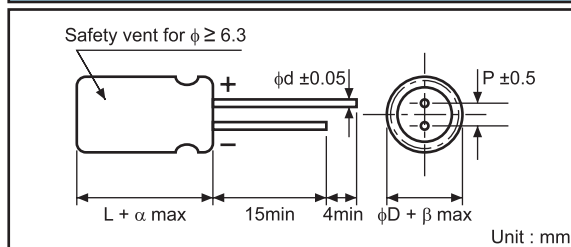
1. Bi-Polarized Series
2. Designed Specifically for Crossover network in Hi-Fi Sound Systems



SPECIFICATIONS

| Item | Performance Characteristics | |
|--|---|------------------------------|
| Operating Temperature Range | -40 to +85°C | |
| Rated Working Voltage Range | 50VDC | |
| Nominal Capacitance Range | 1~68µF | |
| Capacitance Tolerance | ±20% at 1KHz | ±10% at 5KHz |
| Leakage Current | I ≤ 0.03CV or 3(µA) whichever is greater, after 5 minutes at +20°C | |
| tan δ (max) | (1kHz) 0.10 or less (5kHz) 0.15 or less | 0.05 or less 0.05 or less |
| Allowable Continuous Current (8Ω - fc) | Value in table or less | |
| Others | JIS C - 5141 EIAJ RC - 2372 | |

CASE SIZE TABLE



| φD | 8 | 10 | 12.5 | 16 | 18 | 22 | 25 | | |
|----|--------------|-----|------|-----|--------------|------|----------|--|--|
| P | 3.5 | 5.0 | 5.0 | 7.5 | 7.5 | 10.0 | 12.5 | | |
| φd | 0.6 | | | 0.8 | | 1.0 | 1.0(1.2) | | |
| α | (L < 20) 1.5 | | | | (L ≥ 20) 2.0 | | | | |
| β | (D < 20) 0.5 | | | | (D ≥ 20) 1.0 | | | | |

DIMENSIONS

| Voltage (Code) | | 50V | | Rated ripple (mA rms) | | |
|----------------|------|--------------|--------------|-----------------------|------------------|------------------|
| Cap.(µF) | Code | ±20% at 1kHz | ±10% at 5kHz | Frequency(Hz) | Cap. Range(±20%) | Cap. Range(±10%) |
| 1 | 105 | 8 x 11.5 | 10 x 20 | 20k | 205 | 760 |
| 1.5 | 155 | 8 x 11.5 | 12.5 x 20 | 13k | 245 | 800 |
| 2.2 | 225 | 10 x 12.5 | 12.5 x 20 | 9k | 320 | 820 |
| 3.3 | 335 | 10 x 16 | 16 x 25 | 6k | 400 | 850 |
| 4.7 | 475 | 10 x 20 | 16 x 25 | 4.2k | 480 | 890 |
| 6.8 | 685 | 12.5 x 20 | 16 x 31.5 | 2.9k | 540 | 920 |
| 10 | 106 | 12.5 x 25 | 18 x 35.5 | 2k | 600 | 970 |
| 15 | 156 | 12.5 x 25 | 22 x 40 | 1.3k | 660 | 1040 |
| 22 | 226 | 16 x 25 | 22 x 40 | 900 | 740 | 1060 |
| 33 | 336 | 16 x 31.5 | 25 x 40 | 600 | 800 | 1120 |
| 47 | 476 | 18 x 35.5 | ---- | 420 | 1020 | ---- |
| 68 | 686 | 22 x 40 | ---- | 290 | 1200 | ---- |