

## Audiocore S-Line capacitors

### FEATURES:

- Non-inductive construction and self-healing
- Low DF and high IR
- High capacitance value available and compact size

### APPLICATION:

- Coupling decoupling by-passing and timing circuit
- Automatic control system, communication equipment
- Charging/discharging, lighting, noise suppression and frequency modulation
- Loudspeaker x-over

### SPECIFICATIONS:

DIELECTRIC: Polypropylene film

ELECTRODES: Vacuum evaporated metal

COATING: Out wrapped with Mylar tape and ends sealed with epoxy resin

LEADS: Axial leads of tinned wire

REFERENCE STANDARD: IEC 384-16; GB10190-1988

CAPACITANCE TOLERANCE:  $J=\pm 5\%$

DISSIPATION FACTOR (TANGENT OF LOSS):  $DF \leq 0.1\%$  (at 20°C, 1KHz)

VOLTAGE PROOF:  $1.6 \cdot U_r$  (5s at 20°C)

INSULATION RESISTANCE:

$C \leq 0.33\mu F$   $IR \geq 30,000M\Omega$ ;

$C > 0.33\mu F$   $IR \cdot C \geq 5,000S$  (1 minute at 20°C and  $RH \leq 65\%$ )

ENDURANCE:

1000 hours with 125% of rated voltage at 85°C

After the test:  $\Delta C/C \leq 5\%$ ;  $\Delta DF \leq 0.4\%$ ;  $IR \geq 50\%$  of the specified value (at 20°C 1KHz)

