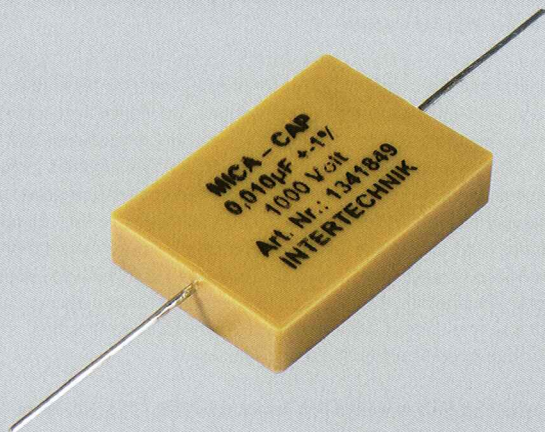


> FOIL CAPACITORS MICA



Foil Capacitor with mica

Connections:

Grouting:

Connection Length:

Connection Length:

Capacity:

Wire Voltage:

C-Tolerance:

Loss Factor:

Copper Wire, tinned

Epoxydharz / Ölvakuumimprägnierung

Widerstandsarme Silberelektrode

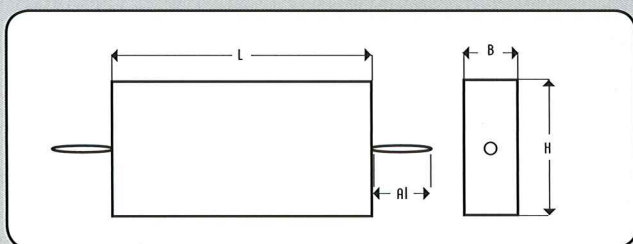
40.0 mm

0.010 µF

1000 V

± 1 %

$\tan \delta < 0.0005$ at 1 kHz



MICA-CAP • 1000 Volt

Description	C/µF	LxB/mm	Height/mm	Un/V	Order No.
MICA/001/1000	0.01	25x37	12.0	1000	134 1849

In order to obtain maximum resolution speakers have to be able to follow the music signal also in smallest details and in real-time. But because the capacitor needs a finite time, which is proportional to its capacitance, for charging the physics can be circumvented by connecting a small capacitance, also called bypass-capacitance, in parallel to the large capacitance. This small high quality bypass capacitor tracks every single peak and detects now the most subtle ramifications in the audio signal. In the literature this circuit variety is also described as impulse capacitor.

We have opted for the highest quality capacitor, the mica capacitor MICA. This tuning model can be smoothly integrated into existing diplexers as the value 0.010 µF is very small and does not change the filter trait, however it significantly improves the impulse quality