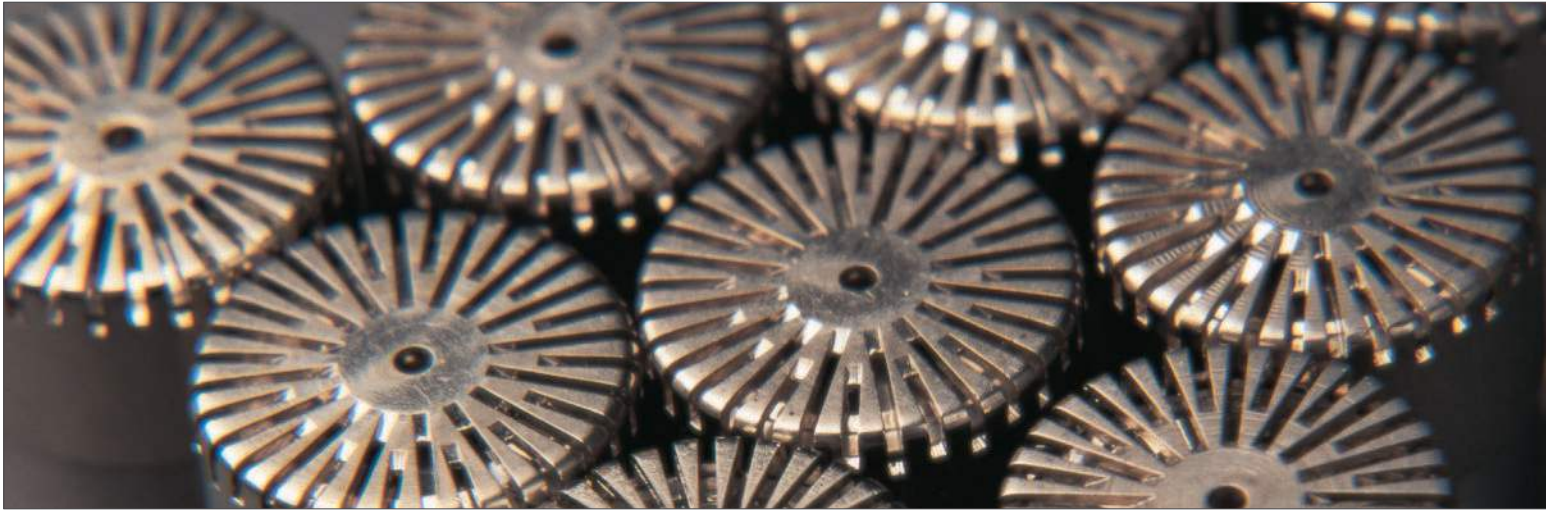


MK:224 Microphone Capsule



Specifications

Capsule Type
Pre-polarised Electret Condenser ½" Freefield Microphone
IEC 61094-4:1995 WS2F

Nominal Sensitivity
50mV/Pa ± 2dB
-26dB ± 2dB dB re 1V/Pa

Noise Floor
<15 dB(A)

Low Frequency 3dB Point
<8Hz

High Frequency 3dB Point
>20kHz

Maximum Level
146 dB for 3% Distortion

Equivalent capacity
18.5 pF @ 250Hz

Equivalent volume
42 mm³

Environmental

Temperature coefficient
0.005 dB/°C

Humidity coefficient
0.003 dB/%RH

Pressure coefficient (250Hz)
-0.004 dB/kPa

Stability
1dB in 1 year @ 50°C
1dB in 3 x 10⁶ hours @ 20°C

Operating Temperature Range
-10°C to +50°C

Operating Humidity Range
0 to 100%RH

Magnetic Field
<30dB equivalent SPL for 80A/m @50Hz

Physical

Dimensions
IEC 61094-4 Type WS22F

Diameter
12.6mm with standard grill

Height
17.2mm with standard grill

Mounting Thread
11.7mm 60 UNS

Grill Thread
12.7mm 60 UNS

Venting
Rear

Please note all values and graphs shown are for a typical microphone capsule.

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