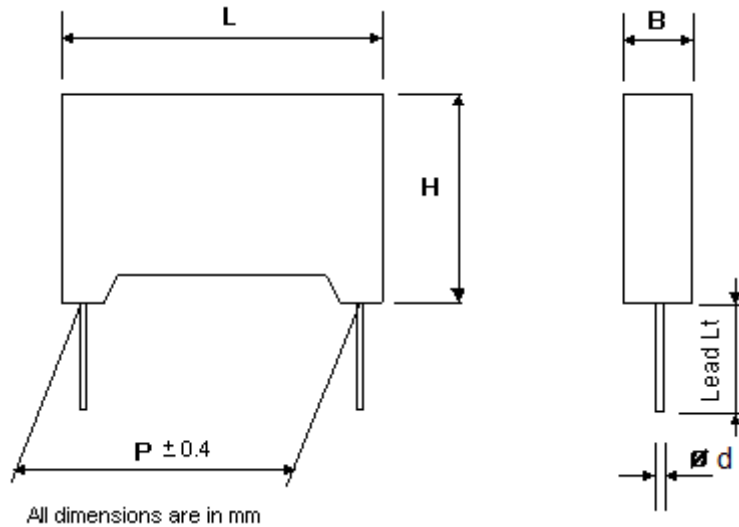


**R49 Series Metallized Polypropylene Film Capacitor**



Cap	Rated Voltage	Standard Dimensions						Max dV/dt (V/µs)	Package style
		B	H	L	P	Lead Lt	Ø d		
0.56 µF ±20%	310Vac	11.0 +0.2/-0.7	20.0 +0.1/-0.7	32.0 +0.3/-0.7	27.5 ±0.4	4.0 -0/+2.0	0.8 ±0.05	200	Tray, 560 pcs/box

**GENERAL TECHNICAL DATA**

Dielectric: polypropylene film.  
Plates: metal layer deposited by evaporation under vacuum.  
Winding: non-inductive type.  
Leads: tinned wire.  
Protection: plastic case, thermosetting resin filled.  
Box material is solvent resistant and flame retardant according to UL94 V0.  
Climatic category: 40/110/56 (IEC 60068-1)  
Operating temperature range: -40 to +110°C.

**ELECTRICAL CHARACTERISTICS**

Rated voltage (V<sub>R</sub>): 310Vac (50/60Hz)  
Capacitance tolerance: 0.56 µF±20% (M) (measured at 1 kHz/ 25°C ±5°C) (last digit of the Part Number)  
Dissipation Factor (tg d): ≤ 10 × 10<sup>-4</sup> (measured at 1kHz / 25°C ±5°C)  
Insulation Resistance: ≥ 100,000 MΩ • µF for C ≤ 0.33 µF (measured at 100V/25°C±5°C for 1 min)



**R49AR35600001M**

**X1 CLASS  
FILM  
CAPACITOR**

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KEMET's product warranty is set forth at [www.kemet.com](http://www.kemet.com) under Terms and Conditions of Sale.

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