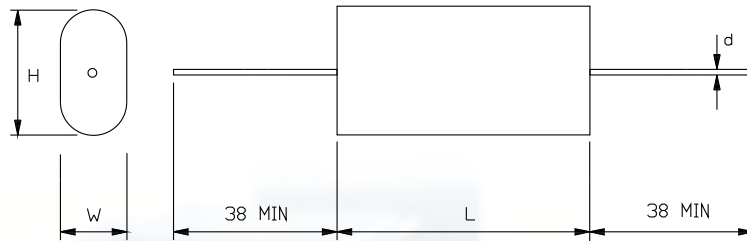


# MKP 27 METALLISED POLYPROPYLENE FILM CAPACITOR FLAT AXIAL WRAP AND END FILL FORMAT



SEE TABLE OVERLEAF FOR CAPACITANCE VALUES AND DIMENSIONS .

## GENERAL DETAILS

A RANGE OF LOW COST AXIALLY LEADED CAPACITORS FOR GENERAL PURPOSE AC APPLICATIONS. MKP27 CAPACITORS ARE SUPPLIED IN FLATTENED WRAP AND END FILL CONSTRUCTION TO GIVE OPTIMUM VOLUMETRIC EFFICIENCY.

## TECHNICAL DETAILS

**DIELECTRIC**  
**ELECTRODES**  
**ENCAPSULATION**

POLYPROPYLENE.  
VACUUM DEPOSITED ALUMINIUM.  
POLYESTER TAPE WRAP & RESIN END SEAL.

**LEADS**

AXIAL TINNED COPPER, SEE TABLE OVERLEAF FOR DIAMETERS.

**ENVIRONMENTAL CLASSIFICATION**  
**WORKING VOLTAGES**  
**MAXIMUM  $\delta v / \delta t$**

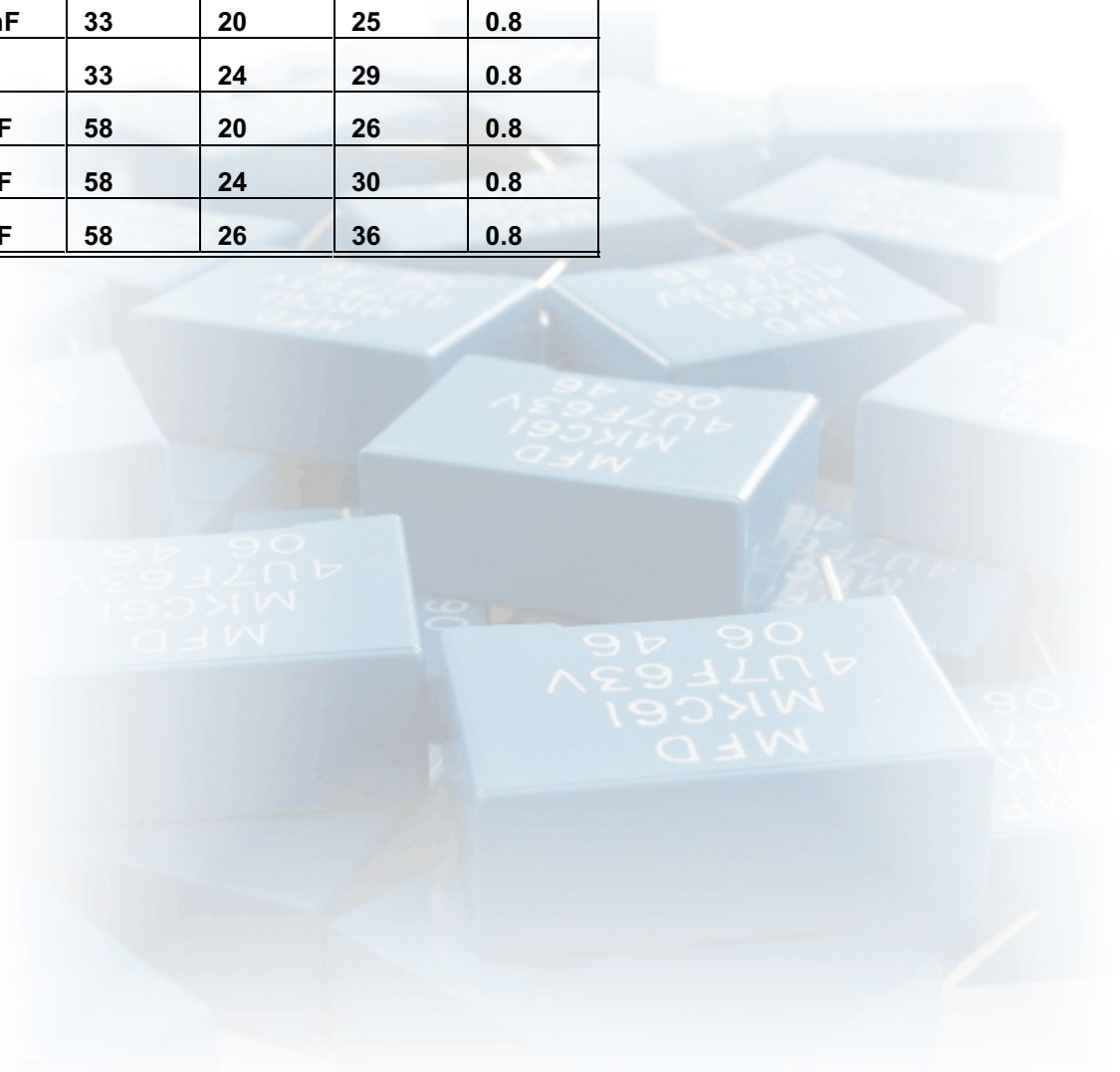
40 / 085 / 21.  
1200 VDC / 500 VAC (50 Hz).  
60 V /  $\mu\text{S}$ ,  $C \leq 1 \mu\text{F}$ .  
30 V /  $\mu\text{S}$ ,  $C > 1 \mu\text{F}$ .

**CAPACITANCE RANGE**  
**TAN DELTA**  
**INSULATION RESISTANCE**

100 nF - 3.3  $\mu\text{F}$ .  
< 0.001 @ 1kHz, 20°C.  
>50,000 M $\Omega$  @ 20°C,  $C \leq 1 \mu\text{F}$ .  
>50,000 M $\Omega \cdot \mu\text{F}$  @ 20°C,  $C > 1 \mu\text{F}$ .  
 $\pm 20\%$ ,  $\pm 10\%$ ,  $\pm 5\%$ .

**TOLERANCES**

VALUE	DIMENSIONS (MM)			
	L MAX	W MAX	H MAX	d NOM
100 nF	33	7	12	0.6
150 nF	33	9	13	0.6
220 nF	33	10.5	15.5	0.8
330 nF	33	13.5	18	0.8
470 nF	33	16	21	0.8
680 nF	33	20	25	0.8
1 $\mu$ F	33	24	29	0.8
1.5 $\mu$ F	58	20	26	0.8
2.2 $\mu$ F	58	24	30	0.8
3.3 $\mu$ F	58	26	36	0.8



VALUES AND VOLTAGE RATINGS OTHER THAN THOSE SHOWN ARE AVAILABLE. CONTACT SALES OFFICE FOR DETAILS.

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