

# **Metallized Polyester Film Capacitor**

Primary characteristics					
Parameter	Value	Unit			
Capacitance	47	nF			
Rated voltage	630	VDC			

### **Features**

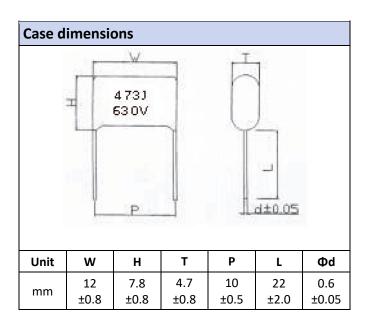
Pb-free and RoHS compliant

# **Application**

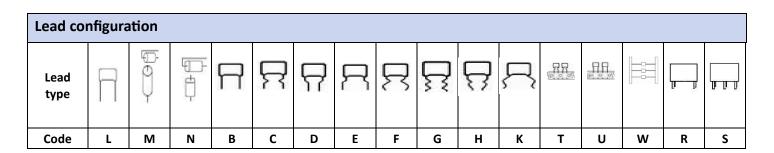
 Widely used in communication equipment, tape recorders, TV sets, VCDs and DC or pulsating electrical appliances of various electronic equipment

### **Materials**

- Medium: polyethylene terephthalate film (polyester film)
- Electrode: aluminized
- Lead wire: tinned copper clad steel wire
- Encapsulation: powder epoxy encapsulation

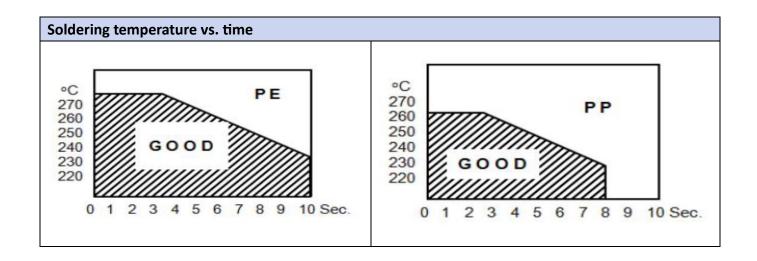


Part numbering system												
AFC	473	J		E		04P		20	L		В	
Series code	Capacitance 1.0pF x 10 <sup>5</sup> = 1.0yF		pacitane olerance		voltage king	Lead width		Lead length	Lead configuration	Packing		
		J	±5%	E	630V	01P	2.5mm	20mm	See: <u>lead configuration</u> below	В	Bulk	
		Κ	±10%			02P	5.0mm			Т	Tape	
		М	±20%			03P	7.5mm					
				_		04P	10mm					
						nP	n x					
							2.5mm					

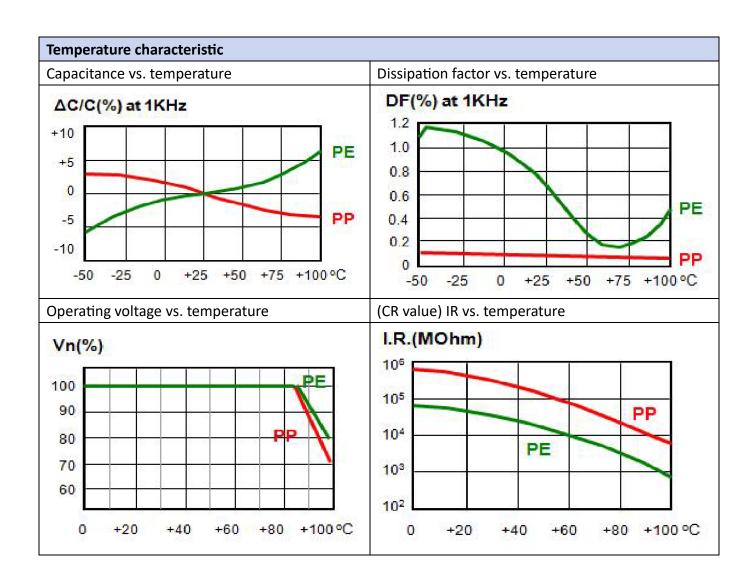




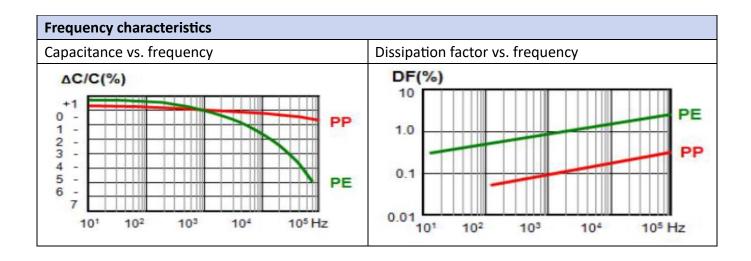
Specifications					
Parameter		Value			
Reference standard	GB/T 733	GB/T 7332 (IEC60384-2)			
Climate type	55	/105/56			
Temperature range	-5	5 ~ 110	°C		
Standard capacitance (C <sub>R</sub> )		47	nF		
Capacitance tolerance		±5	%		
Rated voltage		630	VDC		
Proof voltage	1008 @Temperature >85 °C and <105 °C Voltage change: 1.25		VDC %/°C		
Loss tangent	≤0.8 (@20°C, 1kHz) ≤1.5 (@20°C, 10kHz)		% %		
Insulation resistance (@20°C, 1min)	@C <sub>R</sub> ≤ 0.33μF	≥15000	МΩ		











Ordering information							
Part Number	Package	Shipping Quantity	Dimensions				
AFC 473JE04P20LB	12 x 7.8 x 4.7 mm	Coming soon					

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