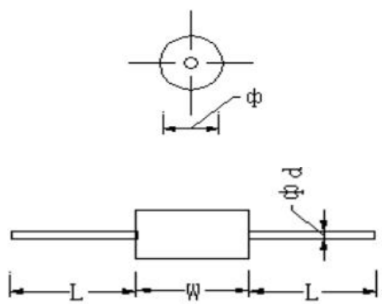


## Metalized Polypropylene Axial Type Film Capacitor

Primary characteristics		
Parameter	Value	Unit
Capacitance	4.7	μF
Rated voltage	160	VDC

### Features

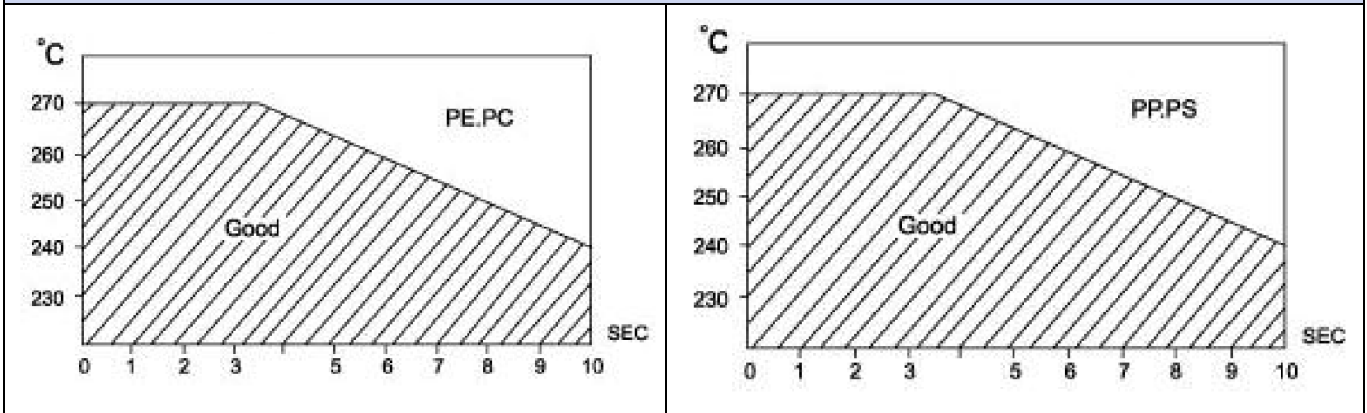
- Axial type
- Pb-free and RoHS compliant

Case dimensions				
				
Unit	W	D	Φd	L
mm	31 ±1.0	16 ±1.0	0.8 ±0.05	28 ±2.0

Part numbering system				
<b>FPEA</b>	<b>475</b>	<b>J</b>	<b>160</b>	<b>XRR</b>
↓	↓	↓	↓	↓
Series code	Capacitance (10pF × 10 <sup>6</sup> = 10μF)	Capacitance tolerance J – ±5% K – ±10%	Rated voltage	Internal code

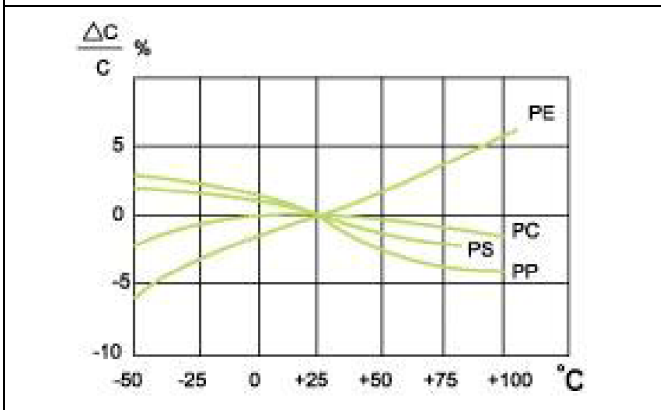
Specifications			
Parameter	Value	Unit	
Reference standard	GB/T3667-1 IEC60252-1		
Climate type	40/105/21		
Temperature range	-40 ~ 105	°C	
Standard capacitance (C <sub>R</sub> )	4.7	μF	
Capacitance tolerance	±5	%	
Rated voltage	160	VDC	
Proof voltage	250 @Temperature >85 °C and <105 °C Voltage change: 1.25	VDC %/°C	
Loss tangent	≤0.001 (@20°C, 1kHz)		
Insulation resistance (@20°C, 1min)	@C <sub>R</sub> ≤ 0.33μF	≥10000	MΩ
	@C <sub>R</sub> > 0.33μF	≥7500	MΩ

Soldering temperature vs. time

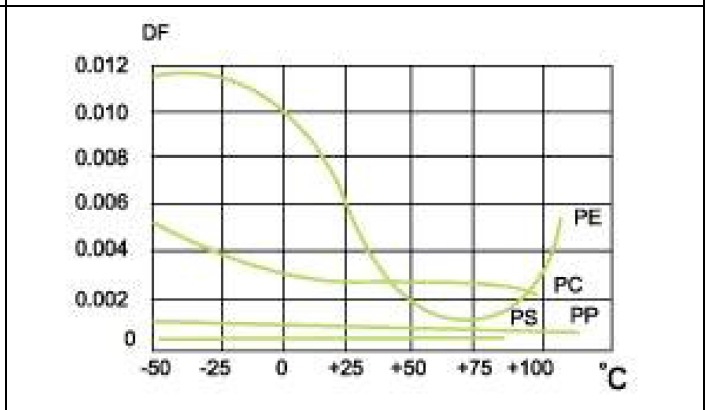


Temperature characteristic

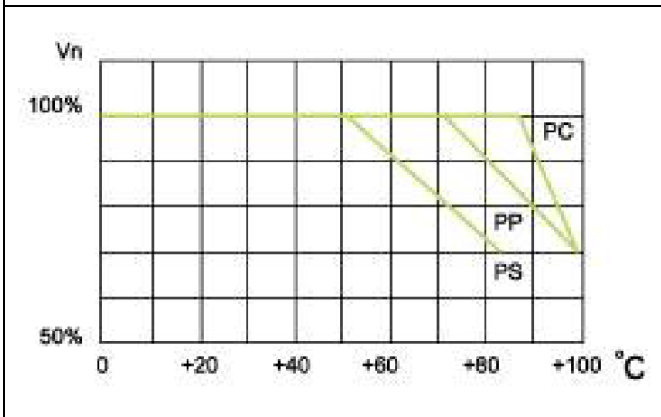
Capacitance vs. temperature



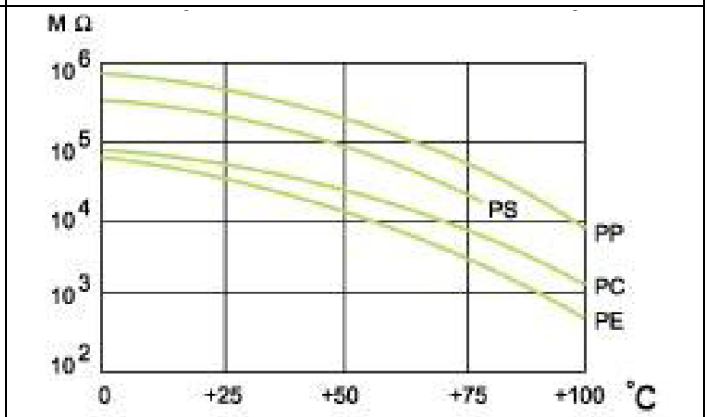
Dissipation factor vs. temperature

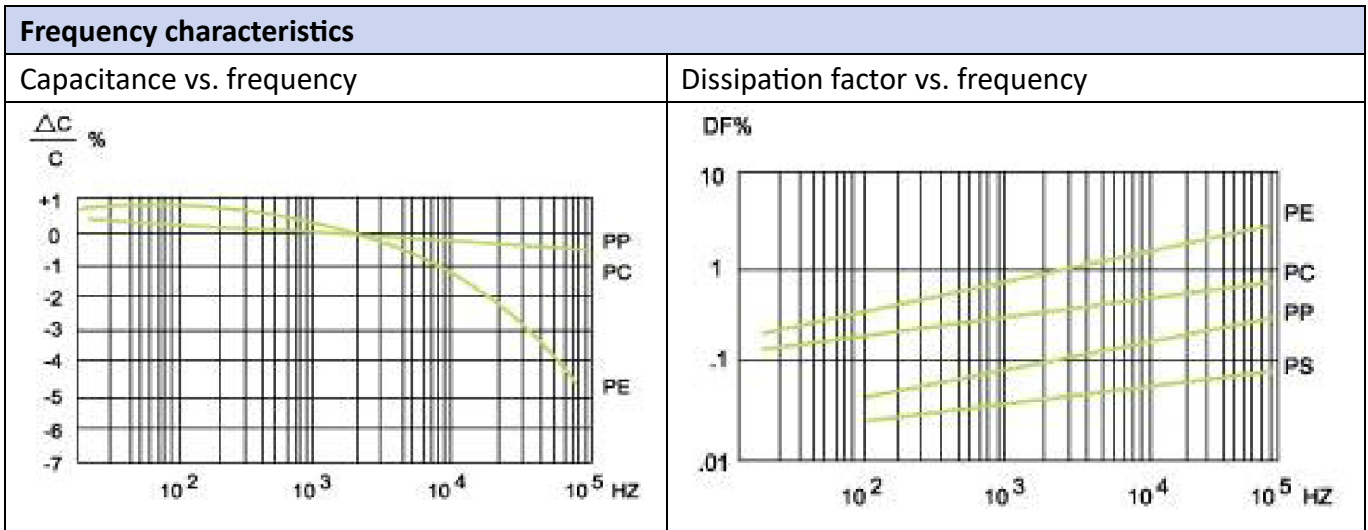


Operating voltage vs. temperature



(CR value) IR vs. temperature





Ordering information			
Part Number	Package	Shipping Quantity	Dimensions
FPEA475J160XRR	16 x 31 mm	100 pcs/polybag 2000 pcs/box	--- 57 x 35 x 30 cm

## Disclaimer

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