AFC 334J102P00UT

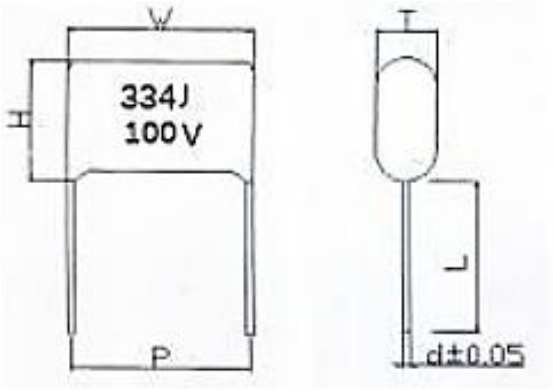
Metallized Polyester Film Capacitor

Primary characteristics		
Parameter	**Value**	**Unit**
Capacitance	330	nF
Rated voltage	100	VDC

Features

- Pb-free and **RoHS** compliant
- Plastic case according to UL94V-0
- Small size, good self-healing effect

Case dimensions

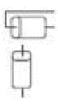


Unit	W	H	T	P	ϕd	L
mm	8.0 MAX	7.5 MAX	5.0 MAX	5.0 ±0.5	0.6 ±0.05	-

Part numbering system

AFC	334	J		1		02P		00	U	T	
Series code	Capacitance 33pF x 10^4 = 330nF	Capacitance tolerance		Rated voltage marking		Lead width		Lead length	Lead configuration	Packing	
		J	±5%	1	100V	01P	2.5mm	-	See: lead configuration below	B	Bulk
		K	±10%			02P	5.0mm			T	Tape
		M	±20%			03P	7.5mm				
						nP	n x 2.5mm				

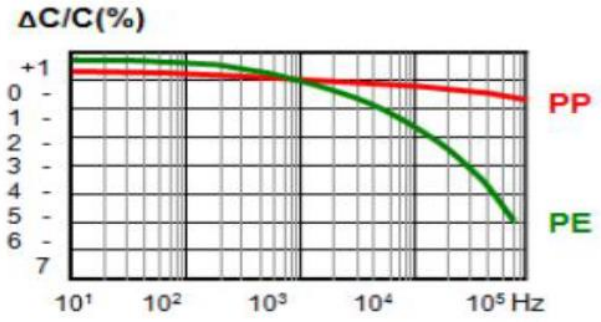
Lead configuration

Lead type																
Code	**L**	**M**	**N**	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**K**	**T**	**U**	**W**	**R**	**S**

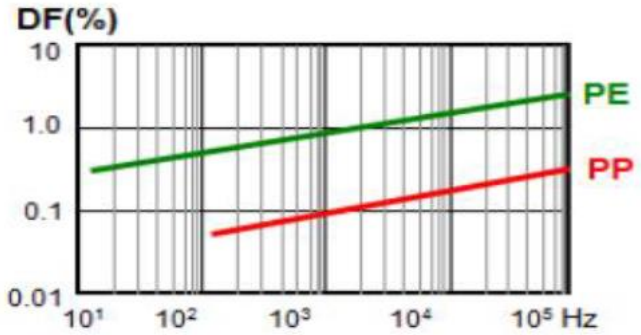
Specifications			
Parameter		**Value**	**Unit**
Operating temperature range		-55 ~ 85 typ.; 110 max	°C
Climatic category		55/110/56	
Standard capacitance (C_R)		330	nF
Capacitance tolerance		±5	%
Rated voltage		100	VDC
Insulation resistance @20°C, 1min; @10VDC	C≤0.33μF	≥3000	MΩ
	C>0.33μF	≥1000	S

Frequency characteristics

Capacitance vs. frequency

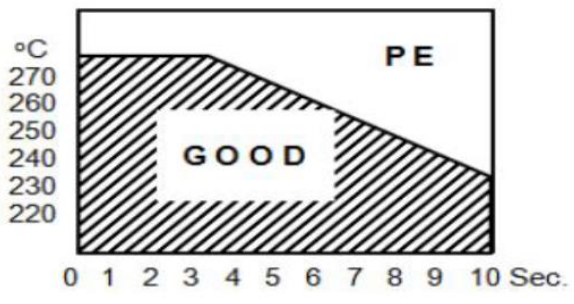


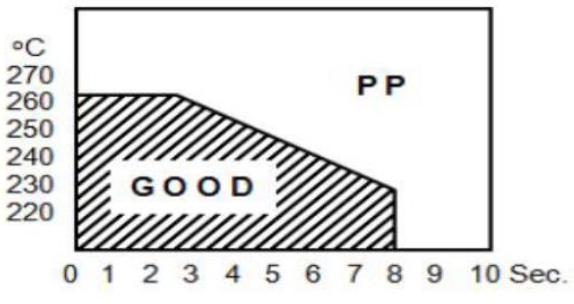
Dissipation factor vs. frequency

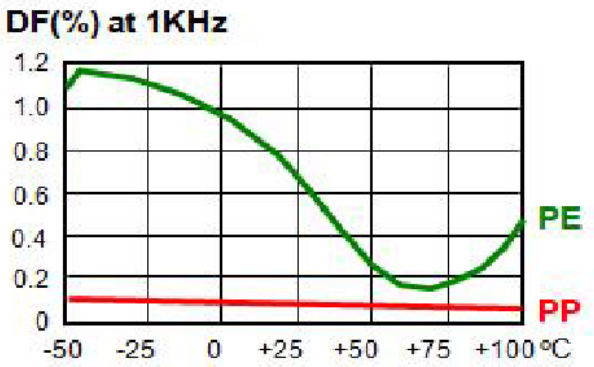
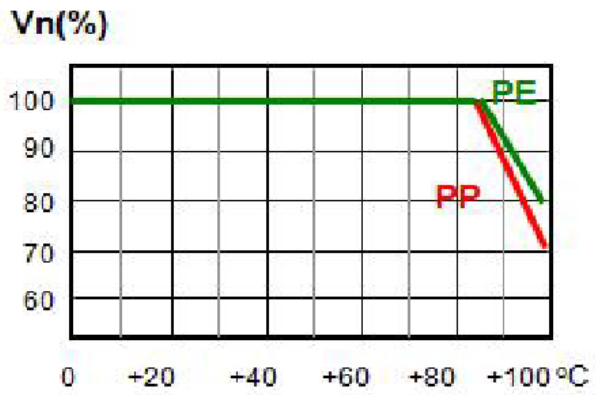
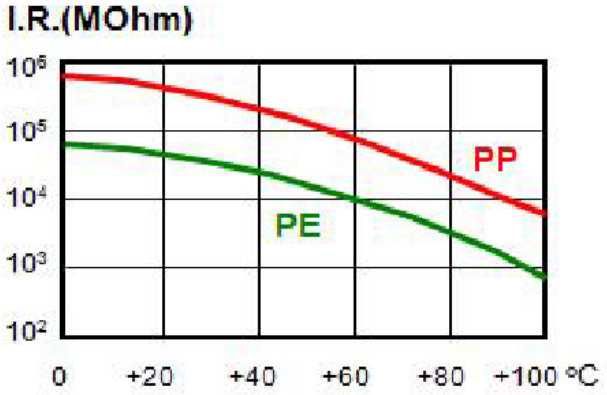


Soldering characteristic

Soldering temperature vs time





Temperature characteristic	
Capacitance vs. temperature	Dissipation factor vs. temperature
	
Operating voltage vs. temperature	IR vs. temperature
	

Ordering information			
Part Number	**Package**	**Shipping Quantity**	**Box dimensions**
AFC 334J102P00UT	8.0 x 7.5 x 5.0mm	**1500 pcs / small box** **4500 pcs / box**	-

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