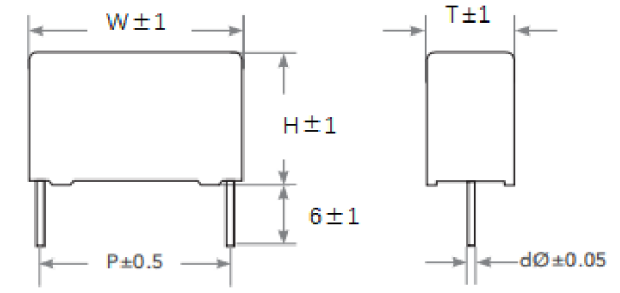


Metallized Polypropylene AC Output Filter Film Capacitor

















Primary characteristics		
Parameter	Value	Unit
Capacitance	20	µF
Rated voltage	350	VAC

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	42 ±1.0	45 ±1.0	30 ±1.0	37.5 ±0.5	1.2 ±0.05	6.0 ±1.0

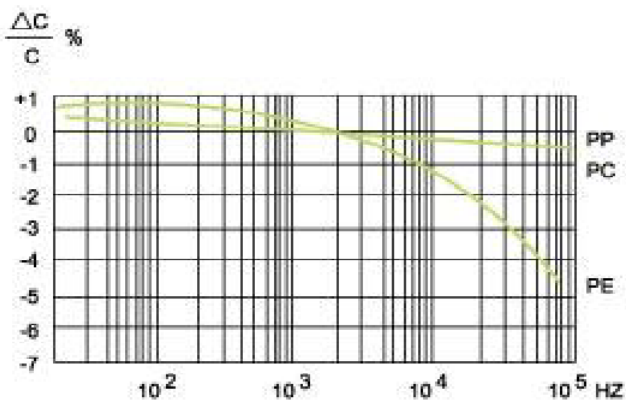
Part numbering system												
AFC	AC	206	K		3		15P		05	L	B	
Series code	Type: DC-link	Capacitance 7.0pF × 10 ² = 7.0µF	Capacitance tolerance		Rated voltage marking		Lead width		Lead length	Lead configuration	Packing	
			J	±5%	3	350V	01P	2.5mm	6.0mm	See: lead configuration below	B	Bulk
			K	±10%			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

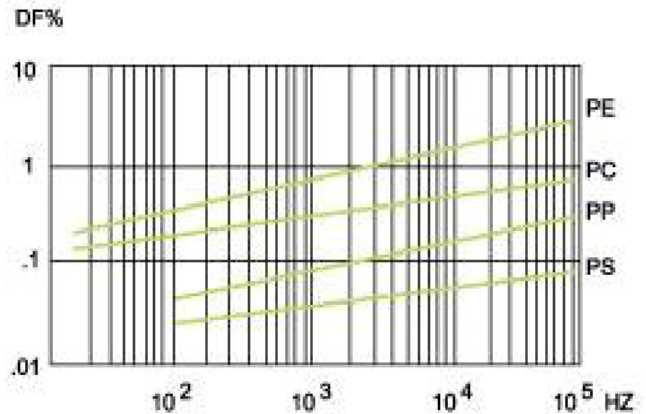
Specifications		
Parameter	Value	Unit
Operating temperature range	-40 ~ 85 typ.; 105 max	°C
Climatic category	40/85/56	
Standard capacitance (C _R)	22	µF
Capacitance tolerance	±10	%
Rated voltage	350	VAC
Insulation resistance @20°C, 1min; @100VDC	≥3000	S
dV/dt	25	V/µs
L _s	30	nH
ESR @10kHz	2.8	mΩ
Peak current	500	A

Frequency characteristics

Capacitance vs. frequency

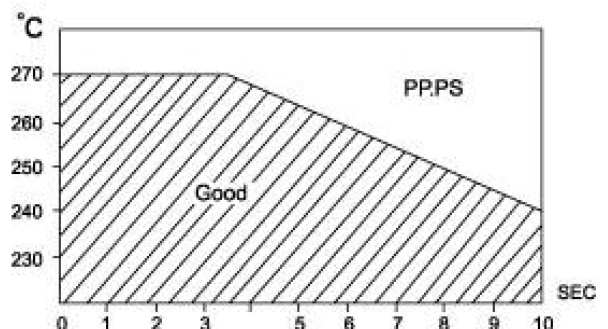
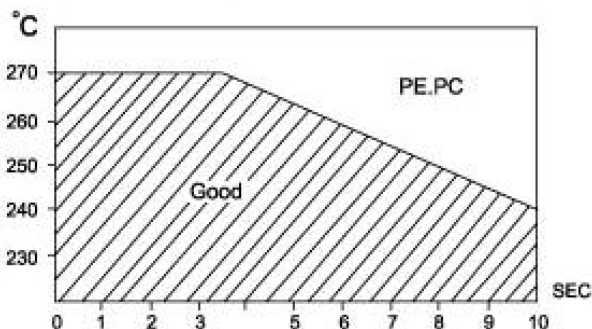


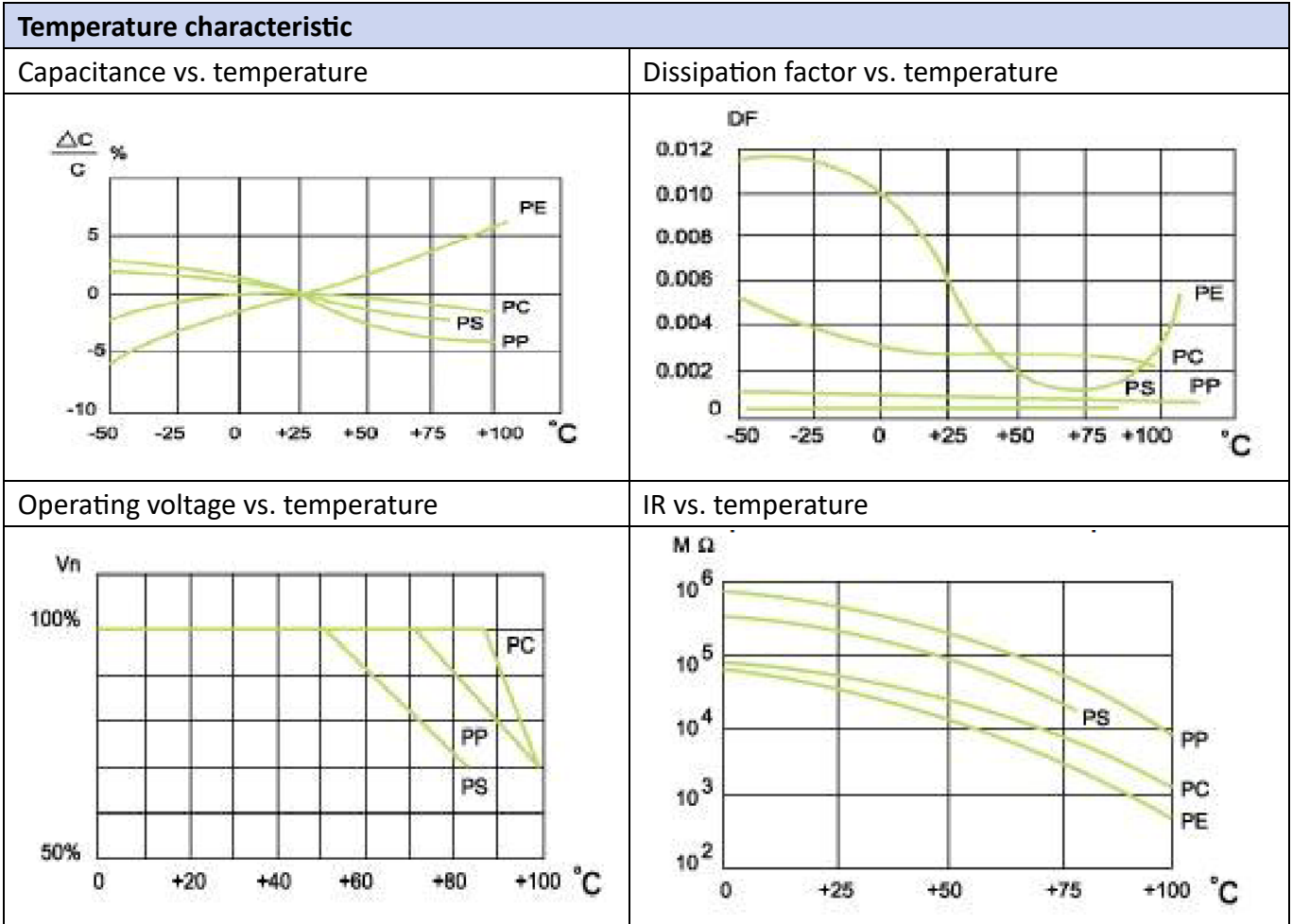
Dissipation factor vs. frequency



Soldering characteristic

Soldering temperature vs time





Ordering information			
Part Number	Package	Shipping Quantity	Box dimensions
AFCAC 206K315P05LB	30 x 45 x 42mm	-	-

Disclaimer

Akyga passive reserves the right to make changes without notice to any product specification herein, to make corrections, modifications, enhancements or other changes. Akyga passive or anyone on its behalf assumes no responsibility or liability for any errors or inaccuracies. Data sheet specifications and its information contained are intended to provide a product description only. "Typical" parameters which may be included on Akyga passive data sheets and/ or specifications can and do vary in different applications and actual performance may vary over time. Akyga passive does not assume any liability arising out of the application or use of any product or circuit. Akyga passive products are not designed, intended or authorized for use in medical, life-saving implant or other applications intended for life-sustaining or other related applications where a failure or malfunction of component or circuitry may directly or indirectly cause injury or threaten a life without expressed written approval of Akyga passive. Customers using or selling Akyga passive components for use in such applications do so at their own risk and shall agree to fully indemnify Akyga passive and its subsidiaries harmless against all claims, damages and expenditures.