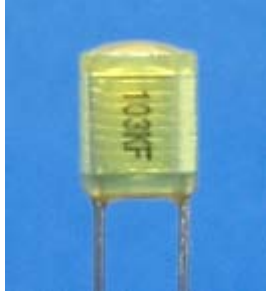
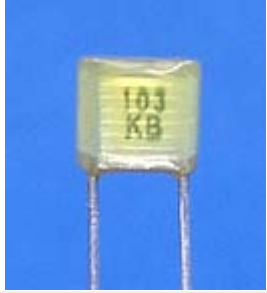
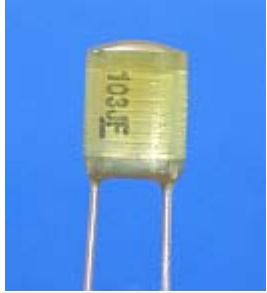







## Products Summary

Structure	Dielectric	Type	Appearance	Feature & Application	Rated Voltage (V.d.c)	Capacitance Range	Temp. Range
Tab structure Dipped into resin	POLYESTER FILM	<u>AMZ</u>		General electronic circuits	50 100 250 400	0.00010 to 0.15 0.00010 to 0.47 0.0010 to 0.22 0.0010 to 0.12	-40 to +85 (+105)* <u>2</u>
		<u>AMC</u>		Compact and low-profile General electronic circuits	50	0.00047 to 0.10	-40 to +85 (+105)* <u>2</u>
		<u>AMF</u>		Oxygen-free-copper wire Audio equipment (Amplifier, CD, VCR, DVD, etc.)	50	0.00010 to 0.15	-40 to +85 (+105)* <u>2</u>
		<u>AMR</u>		Compact self-ballasted fluorescent lamps Resonance circuits Snubber circuits	630 1000	0.0010 to 0.010 0.0010 to 0.010	-40 to +85 (+150)* <u>3</u>


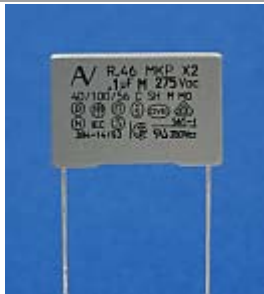

[For details, please get in touch with a person in charge of sales.](#)

METALLIZED POLYETHYLENE NAPHTALATE FILM	<a href="#"><u>ANR</u></a>		Compact fluorescent bulbs ballast Resonant circuits Snubber circuits	630 1000	0.0010 to 0.010	-40 to +85 (+160)* <a href="#"><u>3</u></a>
POLYESTER FILM	<a href="#"><u>NSM</u></a>		Noise control in fluorescent lamps	220V.a.c 250V.a.c	0.0060 0.0060	-40 to +85
			For grounding	220V.a.c 250V.a.c	0.0010 to 0.010 0.0010 to 0.010	
POLYPROPYLENE FILM	<a href="#"><u>APS</u></a>		Low dielectric loss tangent High-frequency circuits Snubber circuits Audio equipment	100 250 400	0.00010 to 0.220 0.00010 to 0.010 0.0010 to 0.010	-25 to +85
			<a href="#"><u>For 250V and 400V products, please get in touch with a person in charge of sales.</u></a>			
POLYESTER/ POLYPROPYLENE FILM	<b>AWS</b>		Time constant circuits Oscillation circuits Dolby circuits	50 100	0.0010 to 0.47 0.0010 to 0.47	-25 to +85
			<a href="#"><u>For details, please get in touch with a person in charge of sales.</u></a>			

	POLYPHENYLENE SULFIDE FILM	<u>AHS</u>		Low coefficient of temperature High resistance to heat Electrical equipment	50 100	0.00027 to 0.47 0.00018 to 0.22	-55 to +125
Flame retardant resin dipped	METALLIZED POLYESTER FILM	<u>MMX</u>		Miniature size General electronic circuits	250 400 450 630	0.0010 to 10.0 0.0010 to 4.7 0.10 to 2.2 0.0010 to 2.2	-40 to +85 (+105) <sup>*2</sup>
		<u>MMC</u>		Miniature size General electronic circuits	250 400 450 630 1000 1250	0.0010 to 10.0 0.0010 to 4.7 0.0010 to 3.3 0.0010 to 2.2 0.0010 to 0.47 0.0010 to 0.22	-40 to +85 (+105) <sup>*2</sup>
		<u>MMH</u>		High reliability General electronic circuits	100 250 400 630 1000 1250	0.033 to 4.7 0.047 to 3.3 0.022 to 1.5 0.0010 to 0.68 0.0010 to 0.22 0.0010 to 0.10	-40 to +85 (+105) <sup>*2</sup>
		<u>MMB(A)</u>		Low equivalent series resistance	35 63	4.7, 10, 22 4.7, 10, 22	-40 to +105

				High ripple current circuits Smoothing circuits	<a href="#">For details, please get in touch with a person in charge of sales.</a>		
		<u>MML</u>		Miniature size Noise control in AC power	125V.a.c 250V.a.c	0.010 to 4.7 0.010 to 1.0	-40 to +105
		<u>MMD</u>		High reliability Noise control in AC power	125V.a.c 250V.a.c	0.010 to 1.0 0.010 to 0.47	-40 to +105
	METALIZED POLYPROPYLENE FILM	<u>MPE</u>		High-frequency circuits Resonance circuits	250 315 400 630 800 1000 1250 1600	0.010 to 10 0.010 to 4.7 0.010 to 3.3 0.010 to 2.2 0.0010 to 0.68 0.0010 to 0.22 0.0010 to 0.18 0.0010 to 0.10	-40 to +105

Stacked, Resin dipped	METALLIZED POLYESTER FILM	<u>MMT</u>		Miniature size General electronic circuits	50 63 100 250	0.010 to 3.3 0.010 to 3.3 0.010 to 1.0 0.010 to 0.22	-40 to +85 (+105)*2
		<u>MTF</u>		Miniature size Oxygen-free- copper wire Audio equipment	50	0.010 to 3.3	-40 to +85 (+105)*2
Stacked chip type	METALLIZED POLYPHENYLENE SULFIDE FILM	<u>CHA</u>		Reflow and flow soldering-ready SMD Filter circuits Oscillation circuits Time constant circuits	16 50	0.00010 to 0.10 0.00010 to 0.22	-55 to +125
	METALLIZED POLYETHYLENE NAPHTHALATE FILM	<u>CNA</u>		Reflow soldering- ready SMD General circuits By-pass circuits Coupling circuits	100	0.0010 to 0.22	-55 to +125
		<u>LDE</u>		Reflow soldering- ready SMD Coupling circuits XDSL	250 400 630	0.0010 to 1.5 0.015 to 0.56 0.010 to 0.56	-55 to +105 (+125)*2

				DC/DC converter SMPS			
	HEAT RESISTANT METALLIZED POLYESTER FILM			Reflow soldering-ready SMD DC/DC converter	100	1.0 to 6.8	-55 to +105 (+125)*2
					<a href="#">For details, please get in touch with a person in charge of sales.</a>		
	METALLIZED POLYESTER FILM	<a href="#">JSN</a>		Large capacitance Low-profile SMD Suitable for automobiles (ISAD, DC/DC converter, Camless, Common rail, etc.)	63 100 160 250	15 to 330 10 to 150 10 to 68 10 to 47	-40 to +110
Flame retardant Box type	METALLIZED POLYPROPYLENE FILM	<a href="#">R46</a>		Interference suppression Class X2 ENEC-IMQ, CAN/CSA, UL approved	275V.a.c	0.010 to 5.6	-40 to +120
		<a href="#">R41</a>		Interference suppression Class Y2/X1 ENEC-IMQ, CAN/CSA, UL, CQC approved	300V.a.c	0.0010 to 1.0	-40 to +110

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