

# Power Film Capacitors - Screw/Stud Terminals

**multicomp** PRO

**RoHS  
Compliant**



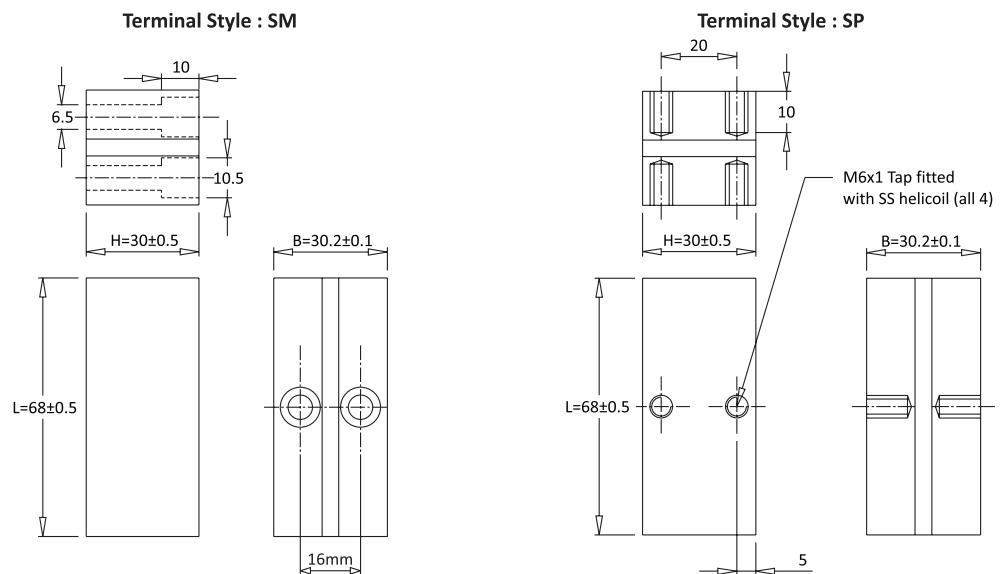
## Features

- Conduction cooled
- Polypropylene dielectric
- Self-healing
- Operating frequency up to 700KHz
- Maximum operating core temperature 85°C
- Capacitance tolerance  $\pm 10\%$
- Flame retardant UL94- V0

## Standard Capacitor Values

Part Number	Rated Voltage Vrms	Nominal Capacitance $\mu\text{F}$ at 1kHz	Max Current Irms	Max Power Kvar	Frequency kHz	ESR $\text{m}\Omega$	Dimensions mm			Terminal Style
							B	H	L	
MP004088	450	2.4	500	200	65-85	0.3	30.2	30	68	SM
MP004082		0.25	300		199-286	0.9				SP
MP004081	600	0.17	300		232-422	1				SP
MP004087		1.33	450		65-120	0.4				SM
MP004079	700	0.05	250		636-994	1.5				SM
MP004080		0.1	250		318-498	1.2				SP
MP004086	800	1.2	450		74-134	0.4				SP
MP004085		0.66	400		98-193	0.4				SM
MP004083		0.33	300		150-216	0.8				SP
MP004084		0.5	350		98-194	0.6				SM

## Capacitor Drawing and Terminal Style



Dimensions : Millimetres

Tightening torque 15Nm max.

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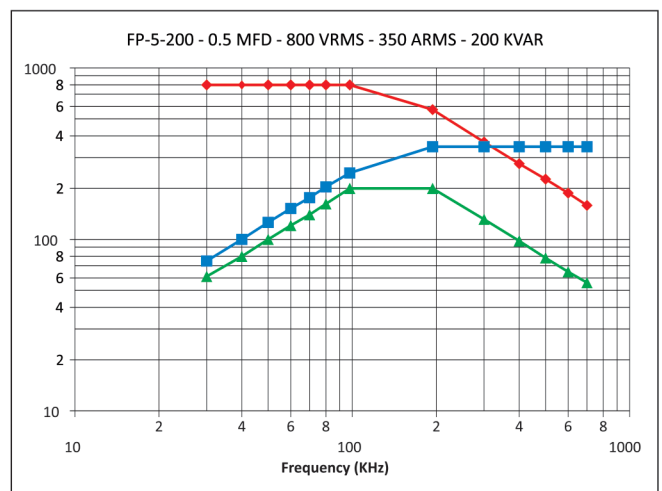
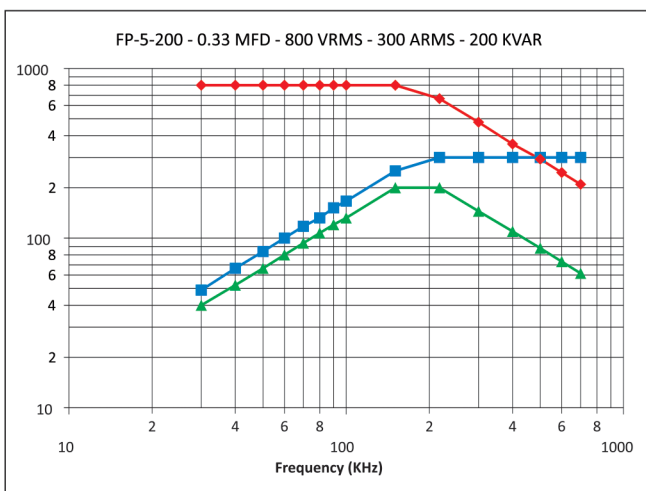
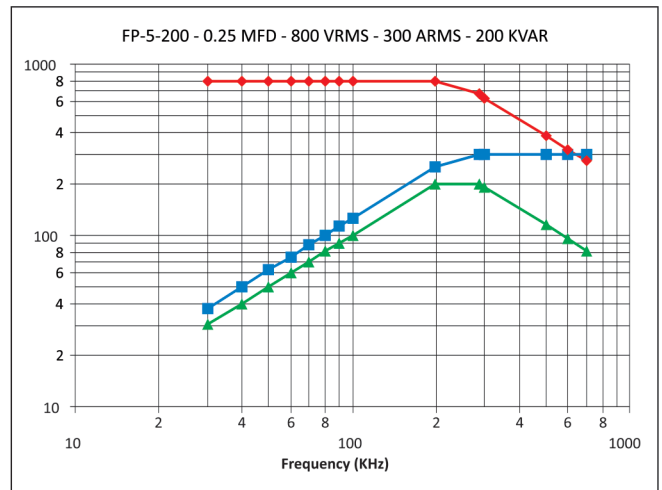
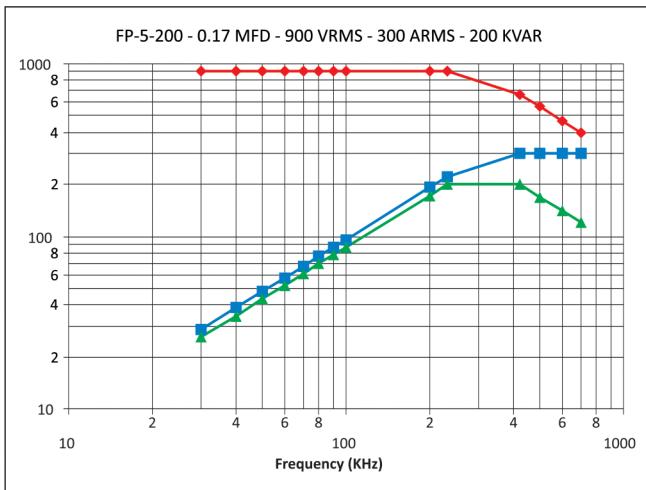
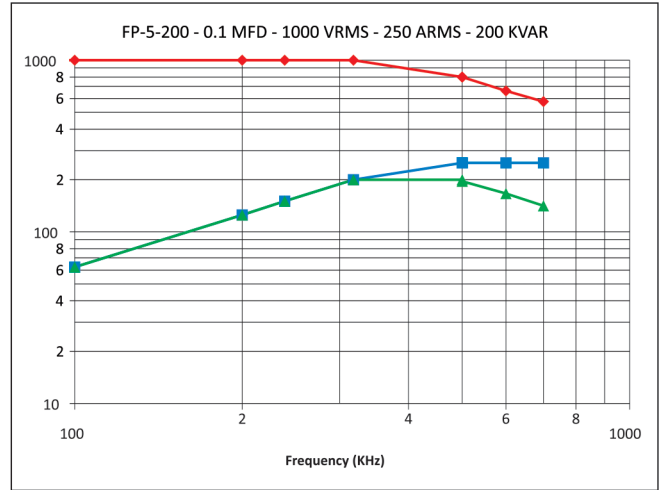
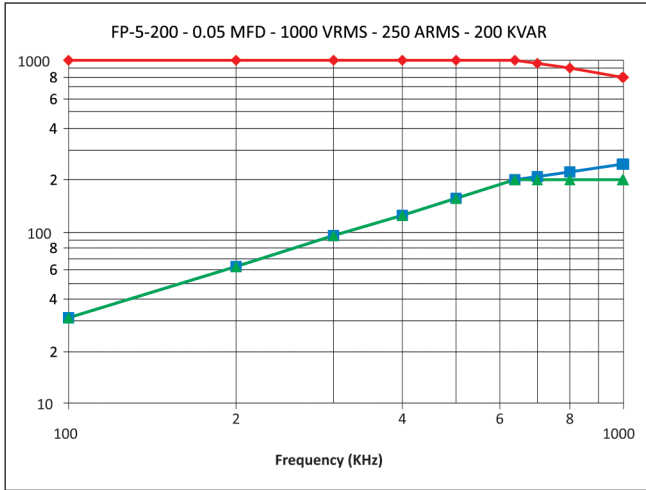
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## Frequency Derating

—◆— Voltage    —■— Current    —▲— Power



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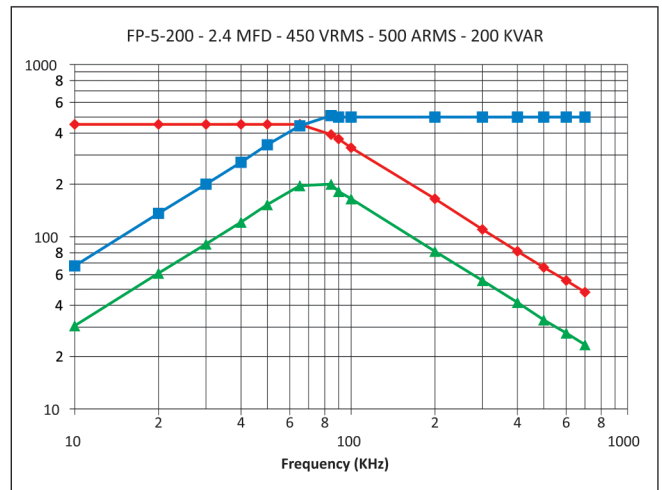
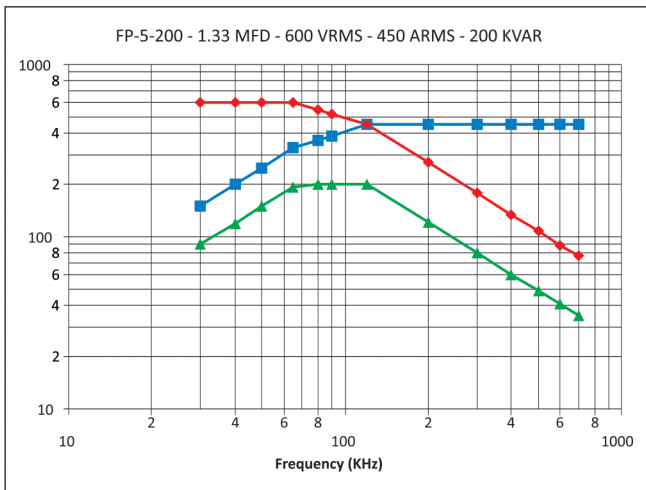
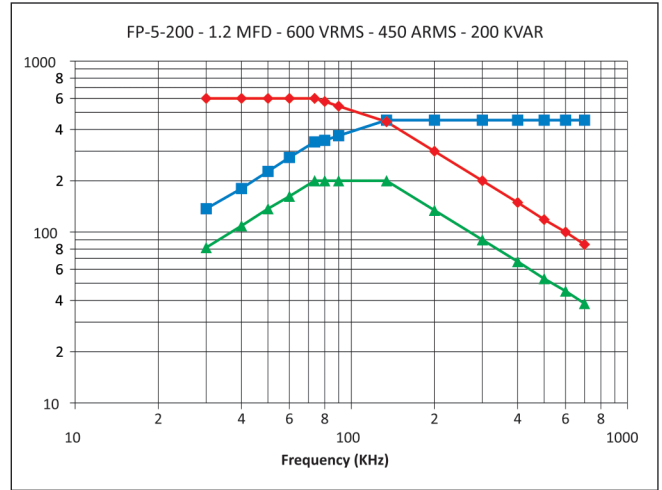
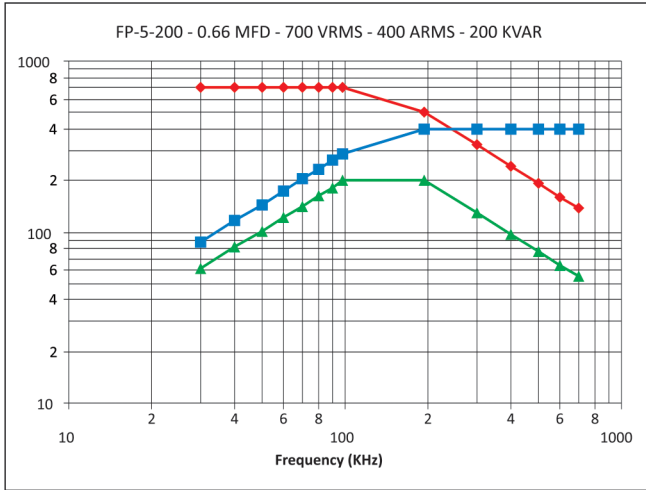
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## Frequency Derating

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