

# Power Film Capacitors - Screw/Stud Terminals

**multicomp** PRO



## Features

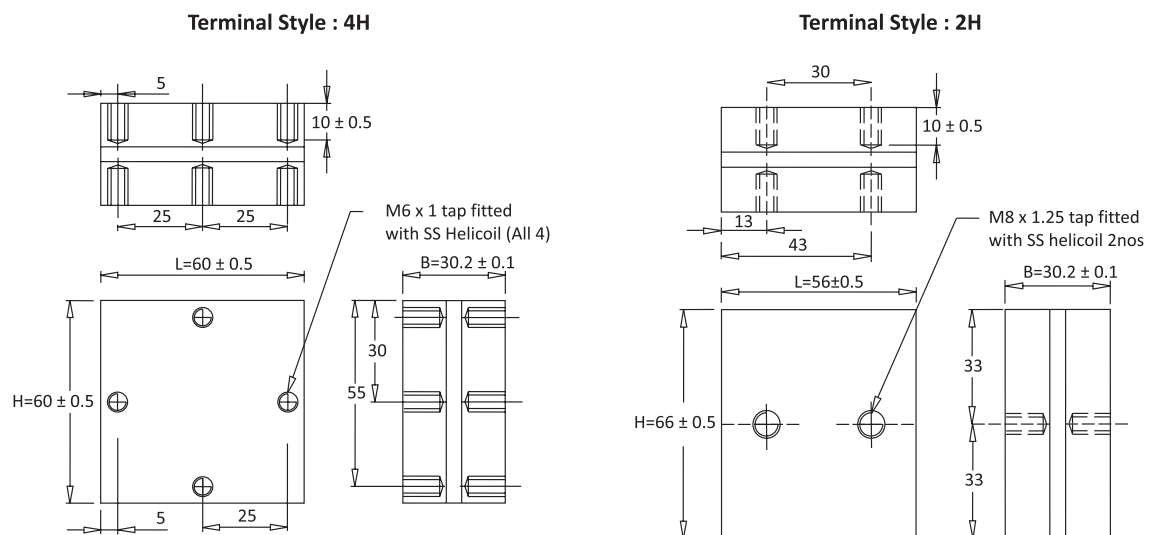
- Conduction cooled
- Polypropylene dielectric
- Self-healing
- Operating frequency up to 1000kHz
- Maximum operating core temperature 85°C
- Capacitance tolerance  $\pm 10\%$
- Flame retardant UL94- V0

**RoHS  
Compliant**

## Standard Capacitor Values

Part Number	Rated Voltage Vrms	Nominal Capacitance $\mu\text{F}$ at 1kHz	Max Current Irms	Max Power Kvar	Frequency kHz	ESR m $\Omega$	Dimensions mm			Terminal Style
							B	H	L	
MP004049	500	5	1000	400	50-80	0.1	30.2	60	60	4H
MP004050		5	1000		50-80	0.1		66	56	2H
MP004047	700	2.6	950		51-138	0.2		60	60	4H
MP004048		2.6	950		51-138	0.2		66	56	2H
MP004045	900	1.32	850		58-215	0.3		60	60	4H
MP004046		1.32	850		58-215	0.3		66	56	2H
MP004044	1000	0.33	600		194-433	1		60	60	4H
MP004041		0.33	600		194-433	1		66	56	2H
MP004042		0.66	600		95-216	0.8		60	60	4H
MP004043		0.66	600		95-216	0.8		66	56	2H

## Capacitor Drawing and Terminal Style



Dimensions : Millimetres

Tightening torque 15Nm max.

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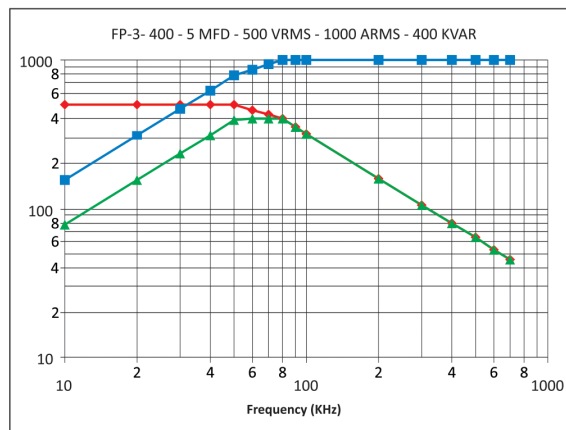
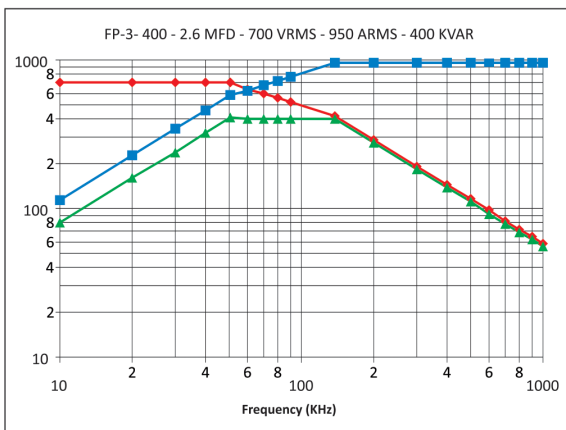
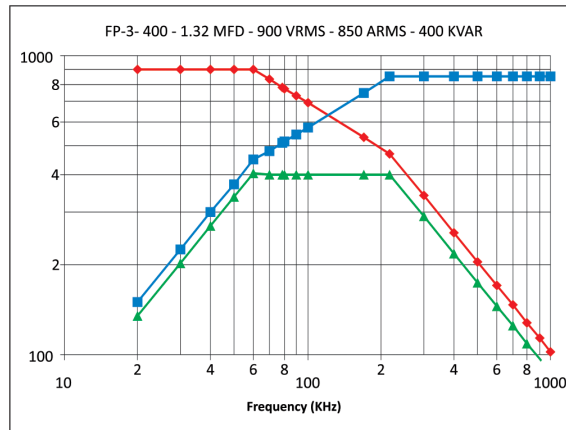
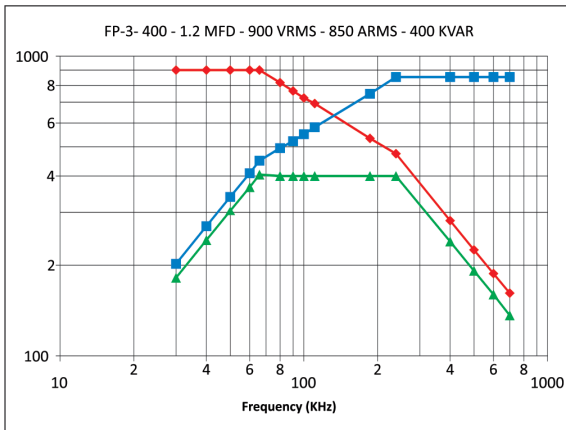
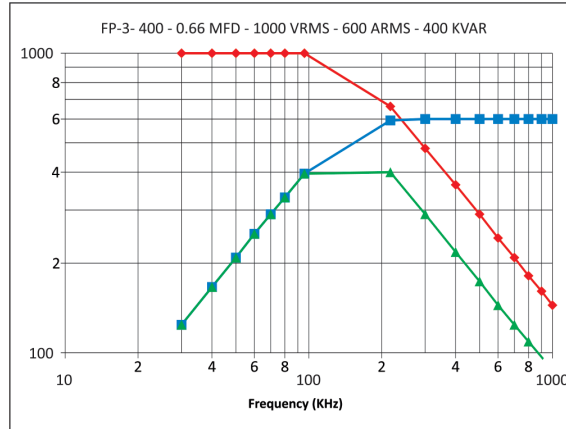
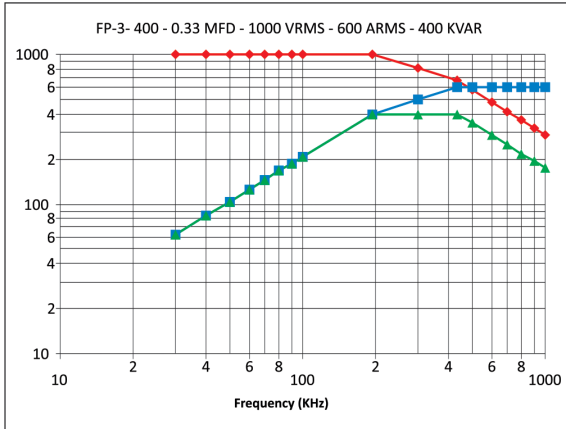
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## Frequency Derating

—●— Voltage    —■— Current    —▲— Power



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