

## FP-12-500H

### Highlights

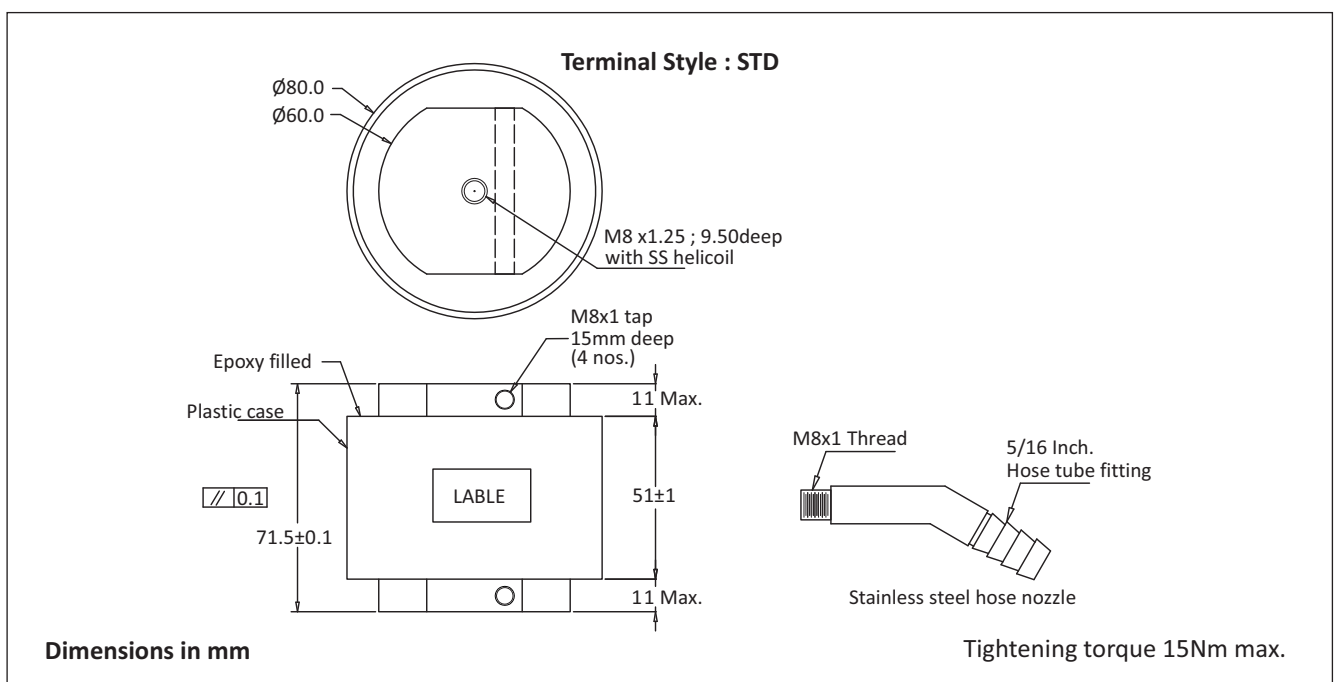
- Water cooled
- Polypropylene dielectric
- Self-healing
- Operating frequency 100KHz
- Maximum operating core temperature 85°C
- Capacitance tolerance ±10%
- Flame retardant UL94 - V0, ROHS compliant



### Standard Capacitor Values

Rated Voltage Vrms	Nominal capacitance MFD at 1KHz	Max current Irms	Max power Kvars	Frequency KHz	ESR mΩ	Dimensions mm			Case Code	Terminal Style	Ordering Code
						∅D	H	∅d			
1100	1.2	600	500	55-96	1.5	80	71.5	60	W1	STD	SP001U21100BG0W10STDK01
	1.4	600	500	46-83	1.2	80	71.5	60	W1	STD	SP001U41100BG0W10STDK01
750	3.0	800	500	47-68	1.1	80	71.5	60	W1	STD	SP000030750BG0W10STDK01
	3.3	800	500	43-62	1.0	80	71.5	60	W1	STD	SP003U30750BG0W10STDK01
900	4.0	700	500	25-39	0.9	102	71.5	60	W4	STD	SP000040900BG0W10STDK01
700	5.6	1000	500	29-57	0.9	80	71.5	60	W1	STD	SP005U60700BG0W10STDK01
	6.3	1000	500	26-51	0.8	80	71.5	60	W1	STD	SP006U30700BG0W10STDK01
	8.5	1000	500	19-38	0.7	88	71.5	60	W2	STD	SP008U50700BG0W10STDK01
	10	1000	500	16-32	0.6	95	71.5	60	W3	STD	SP000100700BG0W10STDK01
500	21	1000	500	15	0.4	80	71.5	60	W1	STD	SP000210500BG0W10STDK01
550	27	1000	500	10-12	0.3	102	71.5	60	W4	STD	SP000270550BG0W10STDK01
500	33	1000	500	10	0.3	102	71.5	60	W4	STD	SP000330500BG0W10STDK01
	37	1000	500	9	0.2	102	71.5	60	W4	STD	SP000370500BG0W10STDK01

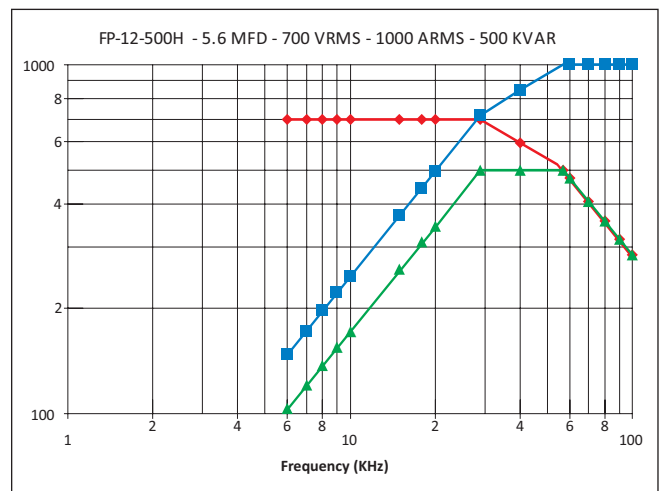
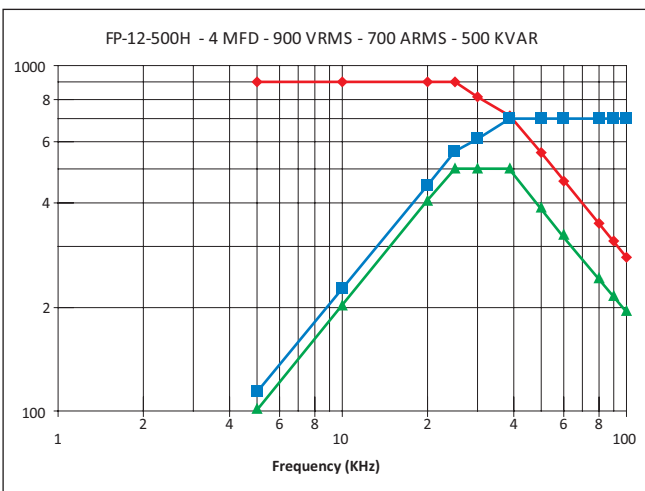
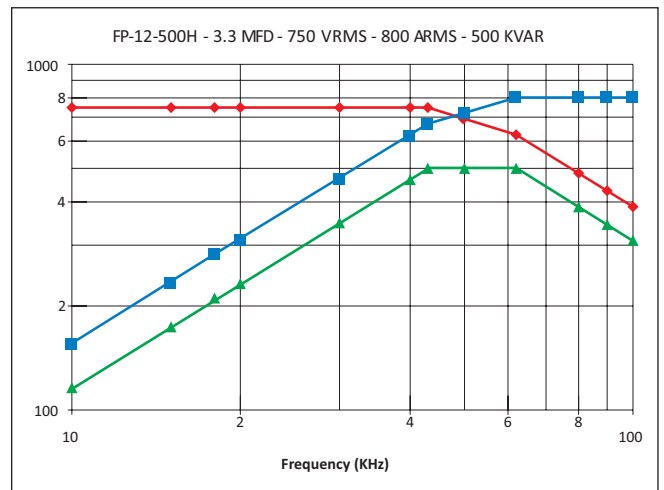
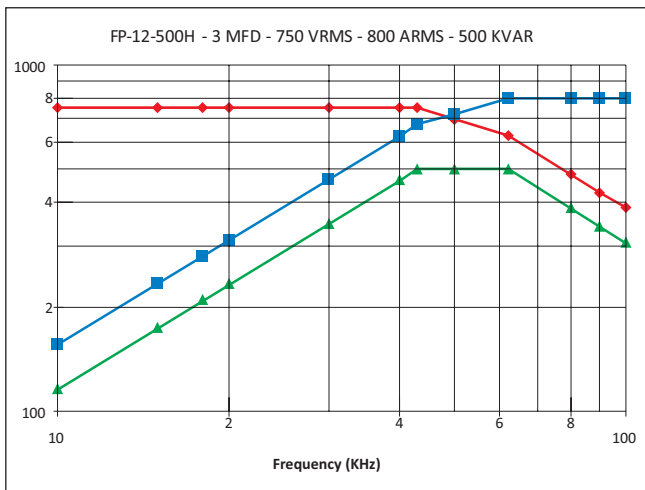
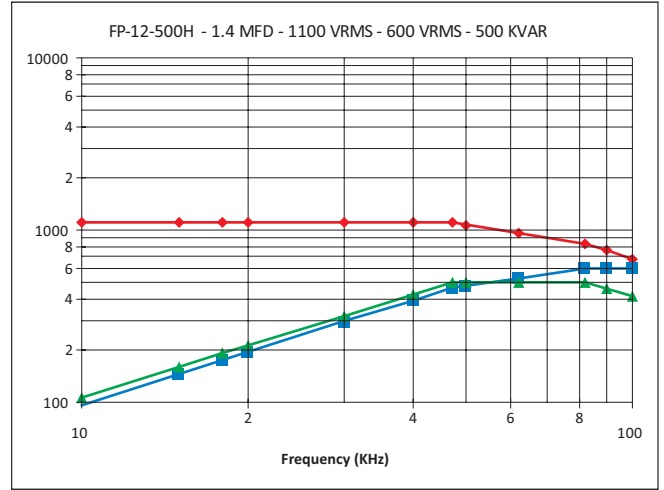
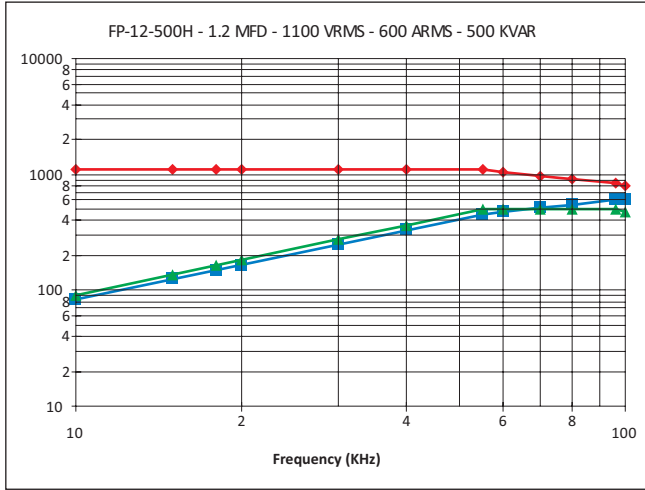
### Capacitor Drawing and Terminal Style



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### Frequency Derating

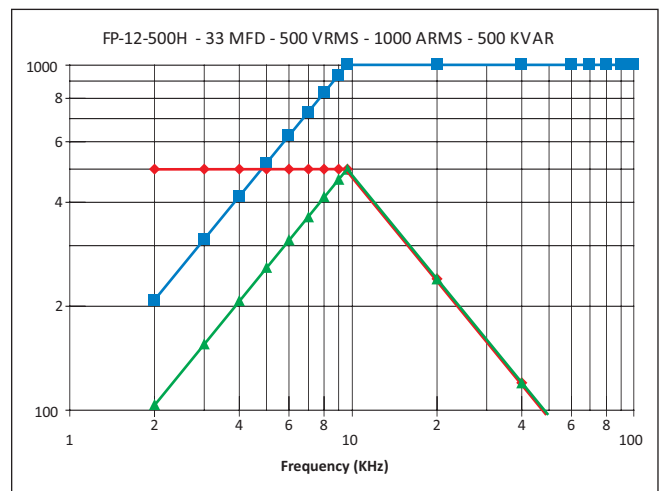
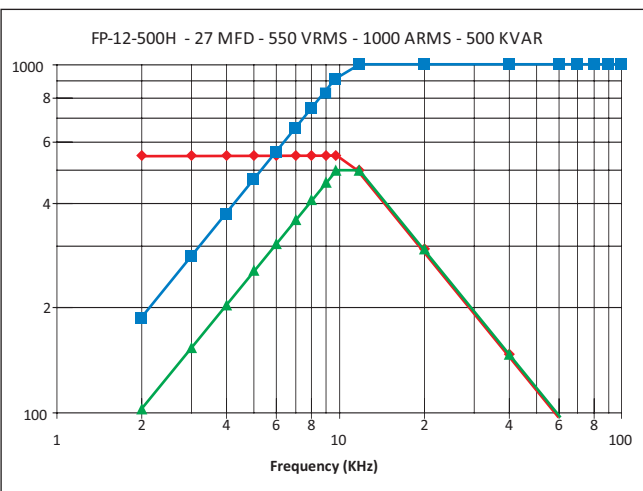
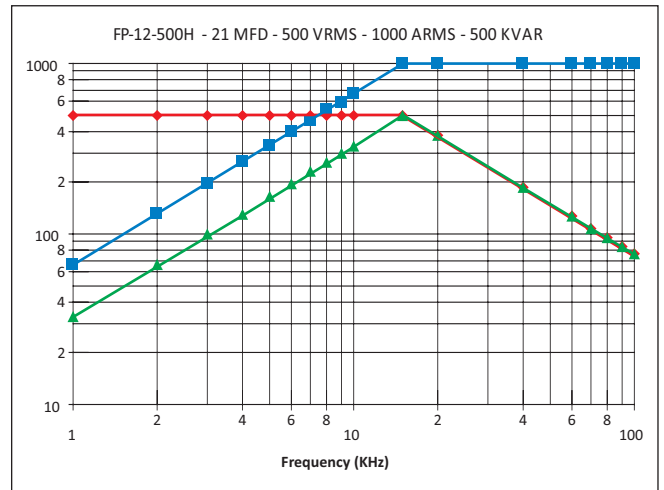
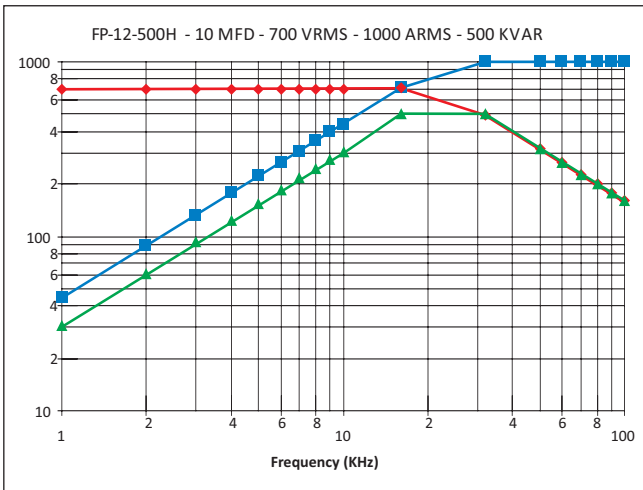
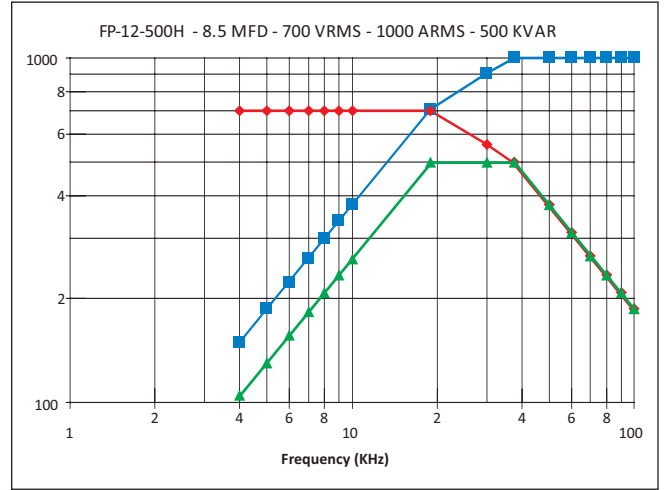
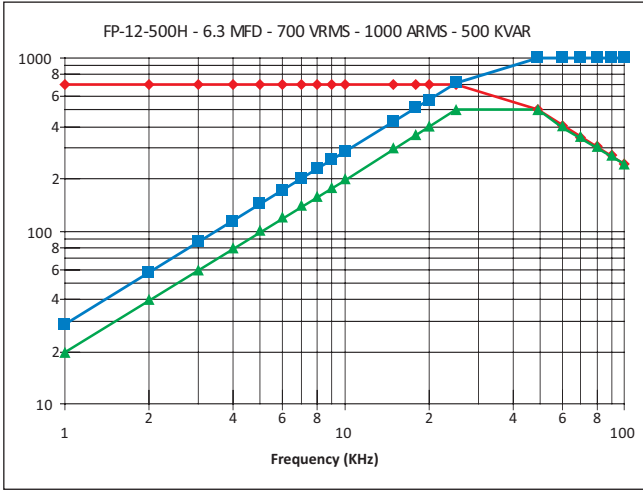
—◆— Voltage    —■— Current    —▲— Power



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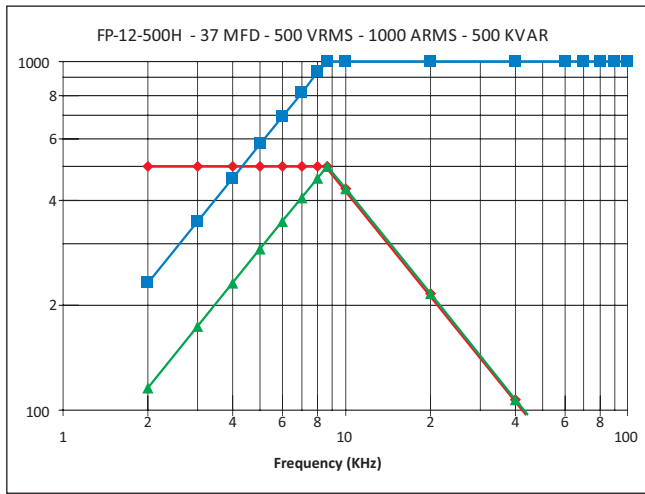
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### Frequency Derating



◆ Voltage   
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