

## FP-36-500

### Highlights

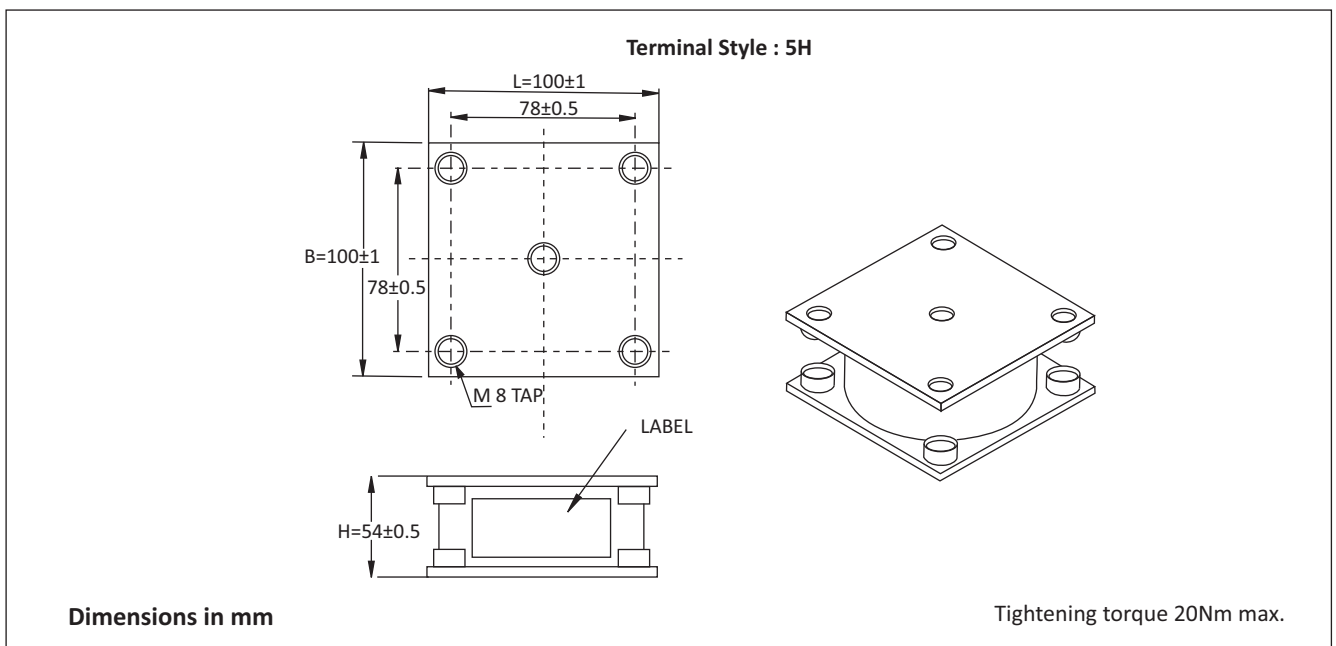
- Conduction cooled
- Polypropylene dielectric
- Self-healing
- Operating frequency 100KHz
- Maximum operating core temperature 85°C
- Capacitance tolerance  $\pm 10\%$
- Flame retardant UL94 - V0, ROHS compliant



### 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
						B	H	L			
1100	1.2	600	500	55-96	1.5	100	54	100	G1	5H	SP001U211000BAG1005HK01
	1.4	600	500	46-83	1.2	100	54	100	G1	5H	SP01U401100BAOG1005HK01
750	3.0	800	500	47-68	1.1	100	54	100	G1	5H	SP000030750BAOG1005HK01
	3.3	800	500	43-62	1.0	100	54	100	G1	5H	SP003U30750BAOG1005HK01
900	4.0	700	500	25-39	0.9	100	54	100	G1	5H	SP000040900BAOG1005HK01
700	5.6	1000	500	29-57	0.9	100	54	100	G1	5H	SP005U60700BAOG1005HK01
	6.3	1000	500	26-51	0.8	100	54	100	G1	5H	SP006U30700BAOG1005HK01
	8.5	1000	500	19-38	0.7	100	54	100	G1	5H	SP008U50700BAOG1005HK01
	10	1000	500	16-32	0.6	100	54	100	G1	5H	SP000100700BAOG1005HK01
500	21	1000	500	15	0.4	100	54	100	G1	5H	SP000210500BAOG1005HK01
550	27	1000	500	10-12	0.3	100	54	100	G1	5H	SP000270550BAOG1005HK01
500	33	1000	500	10	0.3	100	54	100	G1	5H	SP000330500BAOG1005HK01
	37	1000	500	9	0.2	100	54	100	G1	5H	SP000370500BAOG1005HK01

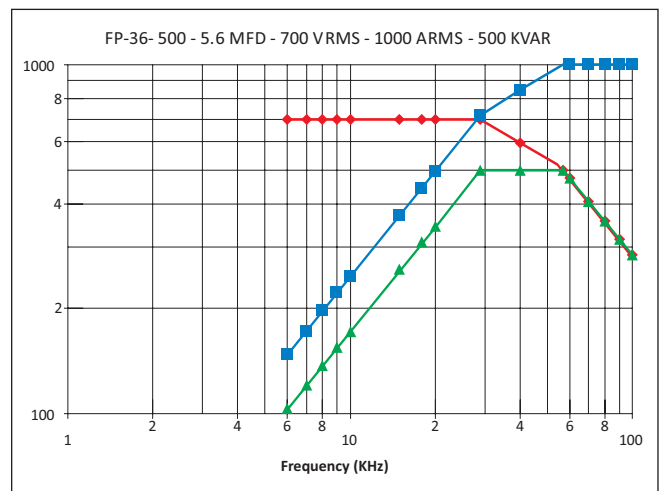
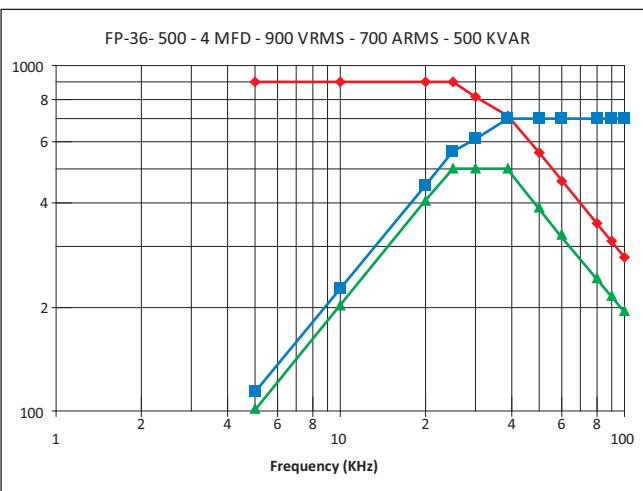
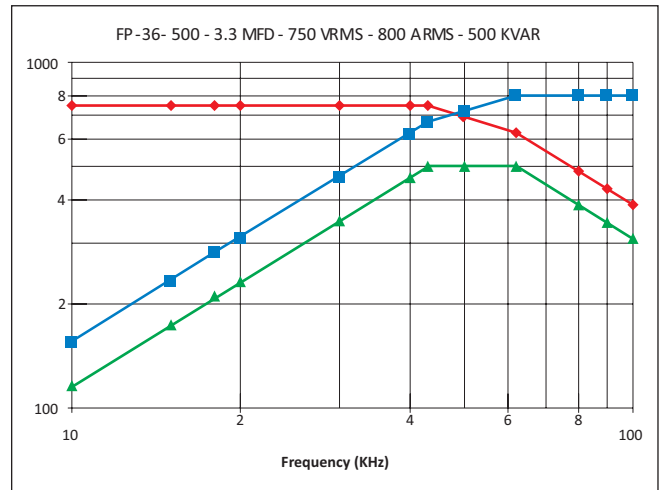
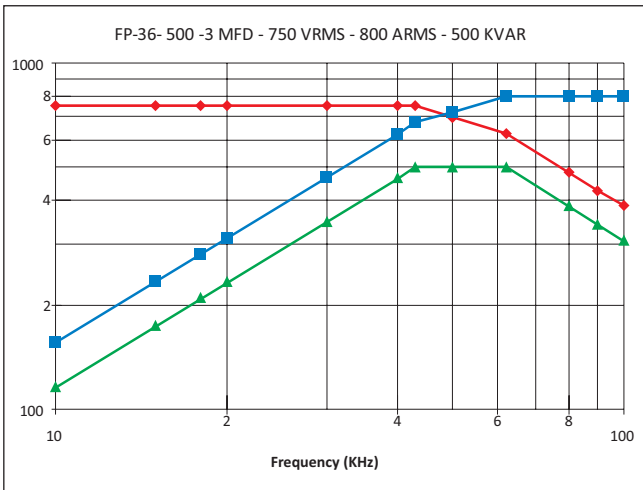
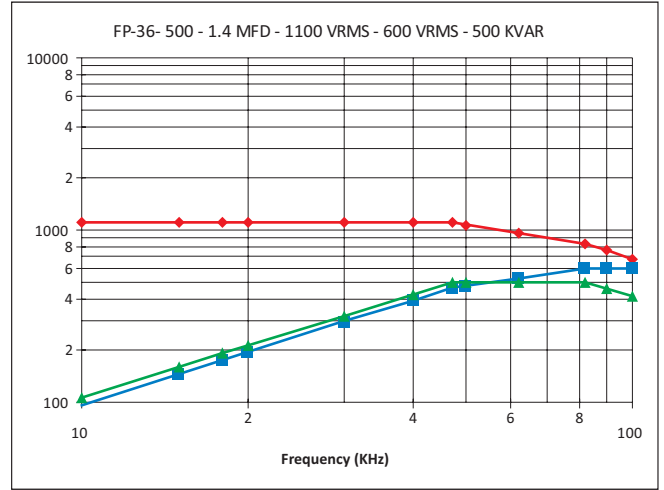
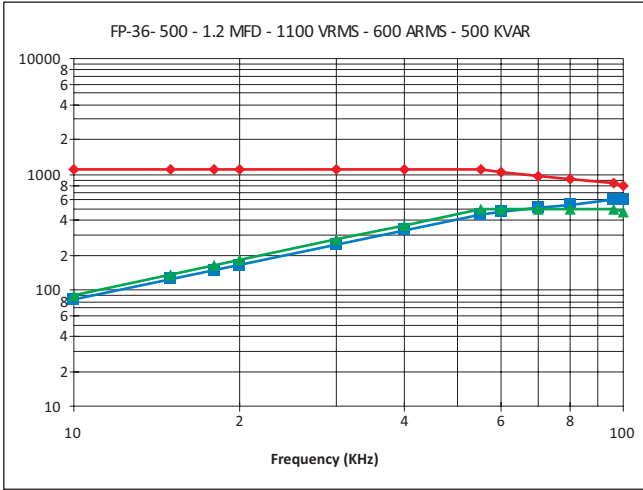
### Capacitor Drawing and Terminal Style



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### Frequency Derating

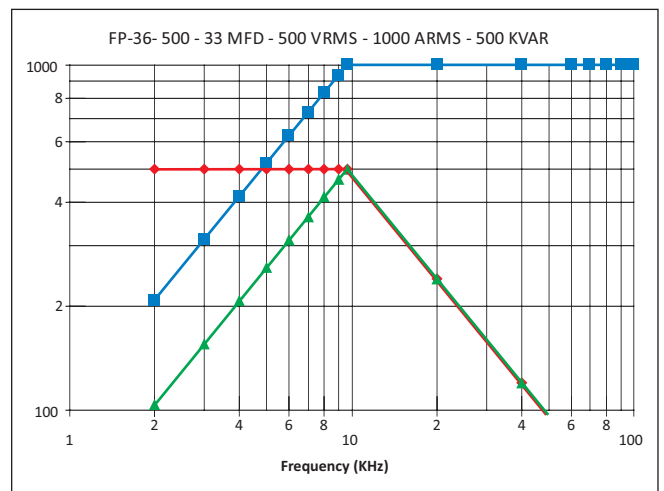
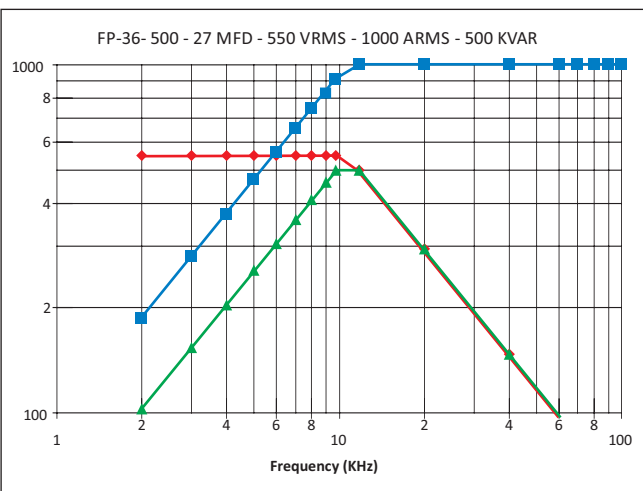
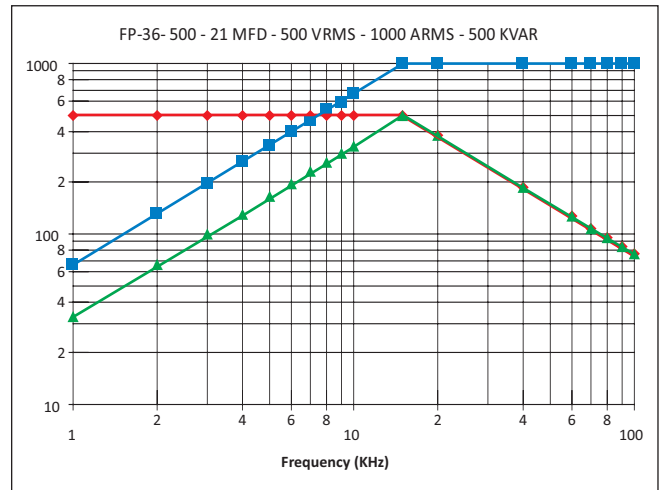
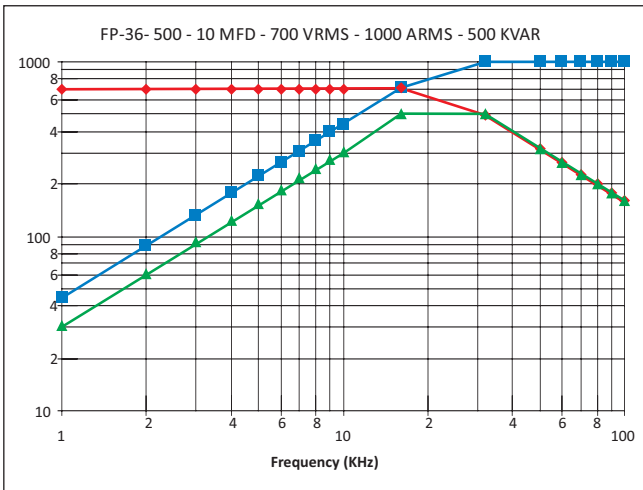
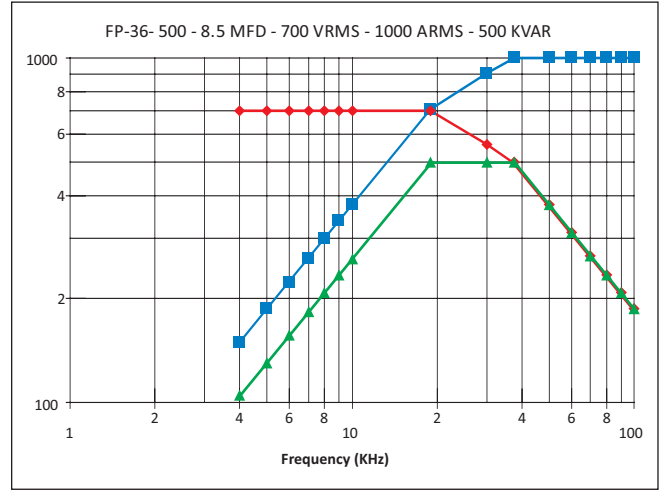
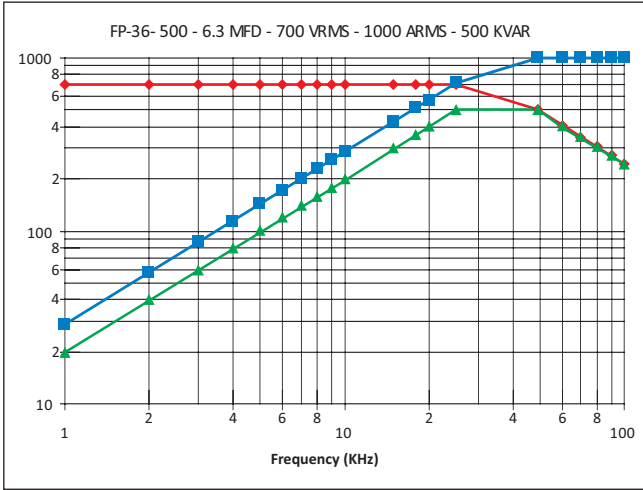
—◆— Voltage    —■— Current    —▲— Power



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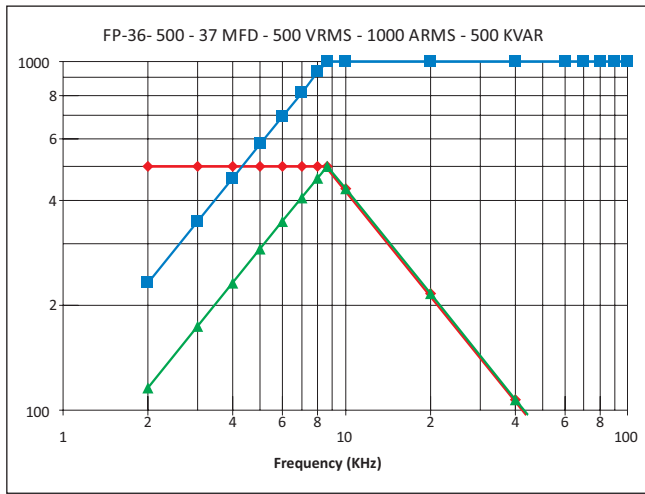
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—●— Voltage    —■— Current    —▲— Power



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### Frequency Derating



◆ Voltage   
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