

## FP-38-300-SM

### Highlights

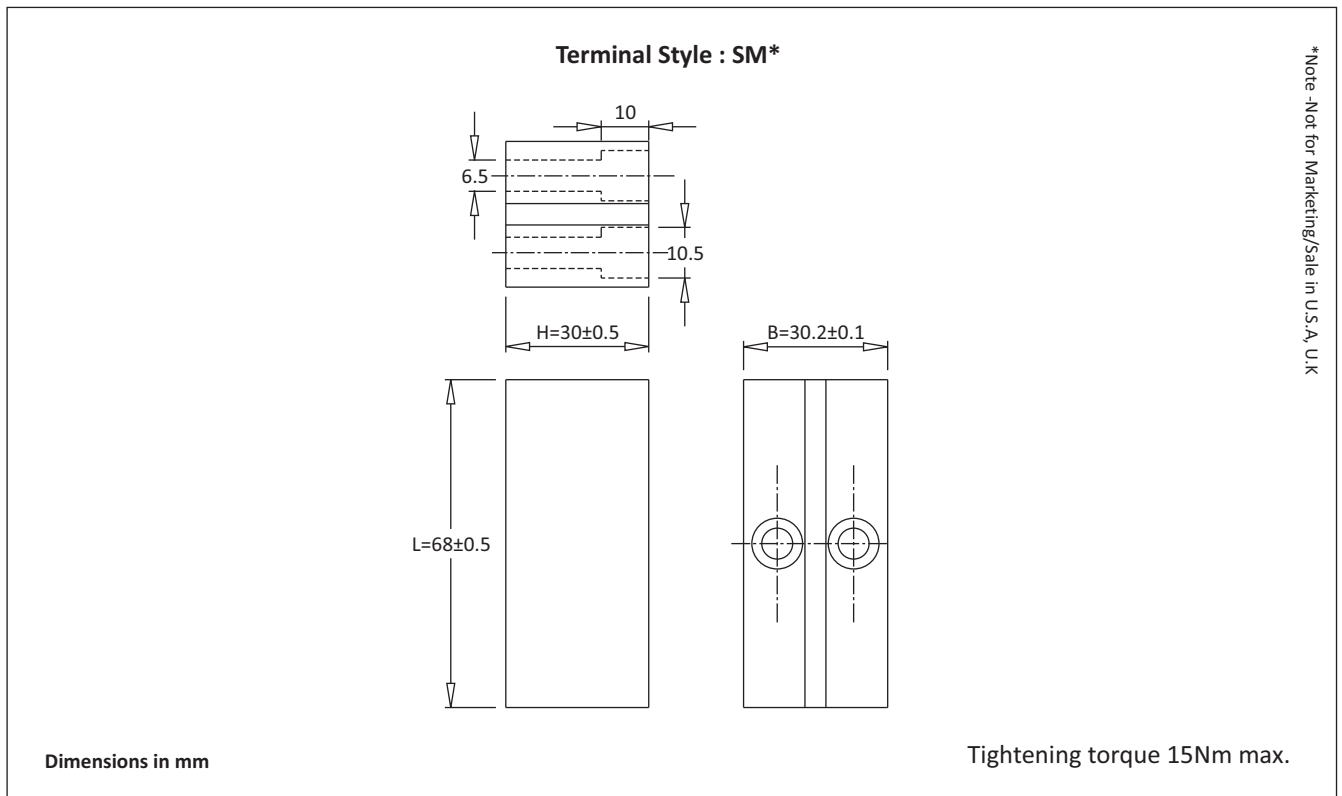
- Conduction cooled
- Polypropylene dielectric
- Self-healing
- Stray inductance < 3nH
- Operating frequency up to 1000 KHz
- Maximum operating core temperature 85°C



### Standard Capacitor Values

Rated Voltage Vrms	Nominal Capacitance MFD at 1KHz	Max Current Irms	Max Power Kvar	Frequency KHz	ESR mΩ	Dimensions mm			Terminal Style	Ordering Code
						B	H	L		
1000	0.10	300	300	478	1.5	30.2	30	68	SM	SP0U101000D1K0SMF38
	0.17	300	300	281	1.4	30.2	30	68	SM	SP0U171000D1K0SMF38
800	0.33	400	300	225-256	1.2	30.2	30	68	SM	SP0U330800D1K0SMF38
	0.50	400	300	149-170	1.1	30.2	30	68	SM	SP0U500800D1K0SMF38
700	0.66	450	300	147-163	1.0	30.2	30	68	SM	SP0U660700D1K0SMF38
600	1.33	500	300	99	0.9	30.2	30	68	SM	SP1U330600D1K0SMF38
500	2.40	600	300	79	0.8	30.2	30	68	SM	SP2U400500D1K0SMF38

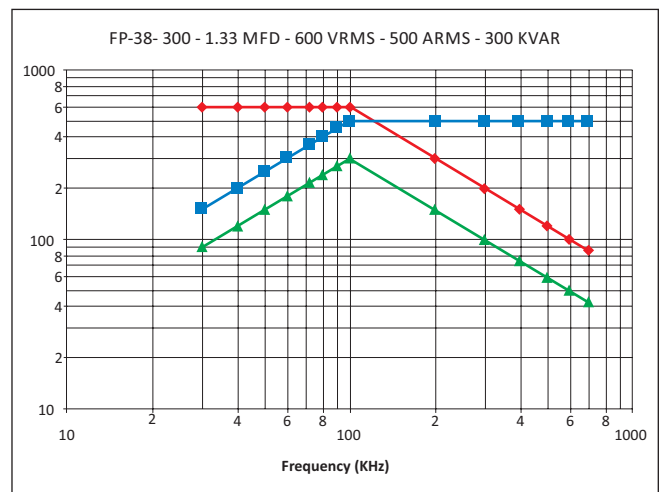
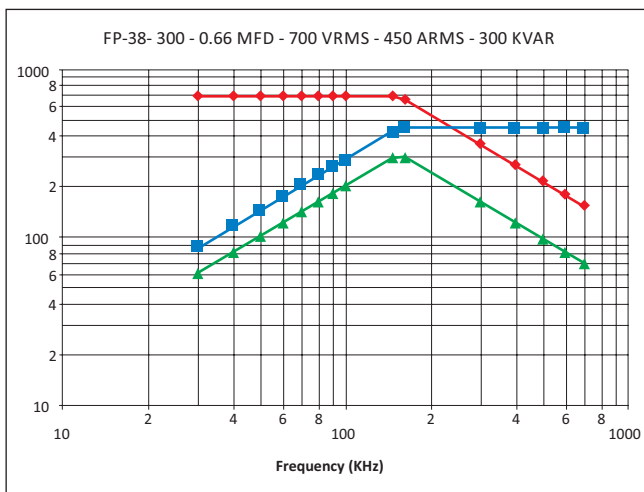
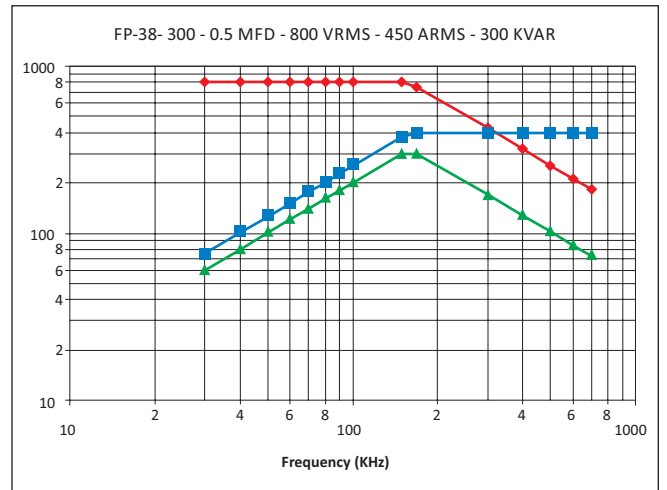
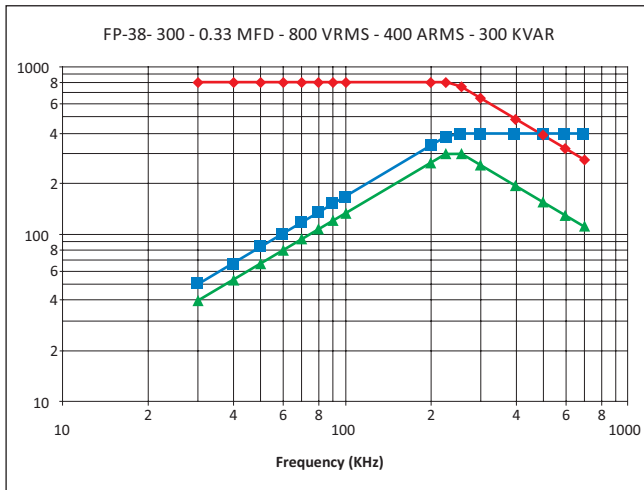
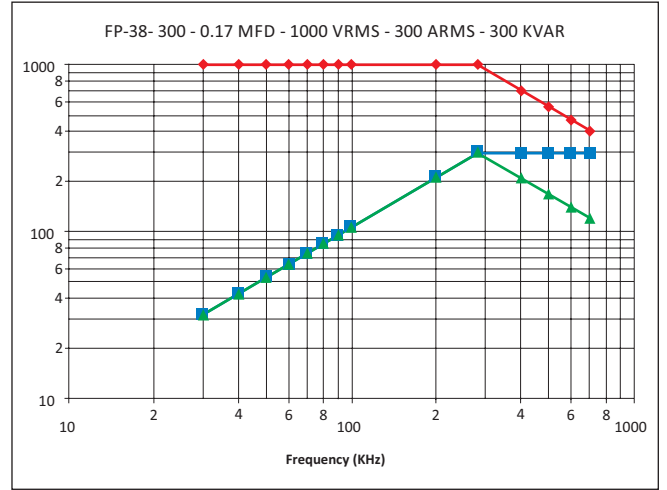
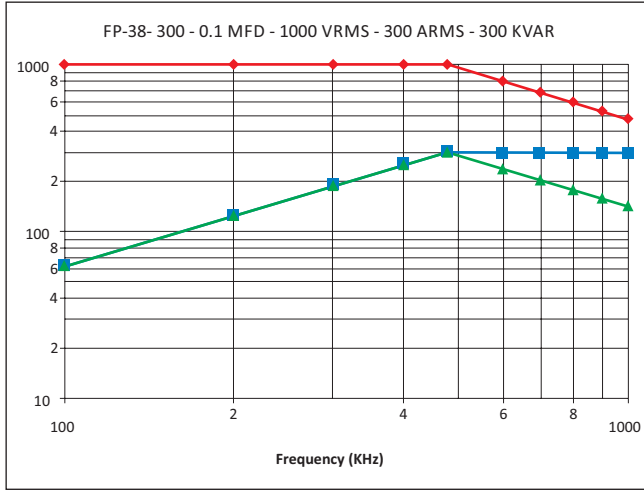
### Capacitor Drawing and Terminal Style



## FP-38-300-SM

### Frequency Derating

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



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**Frequency Derating**

