

## FP-8-300

### Highlights

- Conduction cooled
- Polypropylene dielectric
- Self-healing
- Stray inductance < 5nH
- Operating frequency up to 700 KHz
- Maximum operating core temperature 85°C

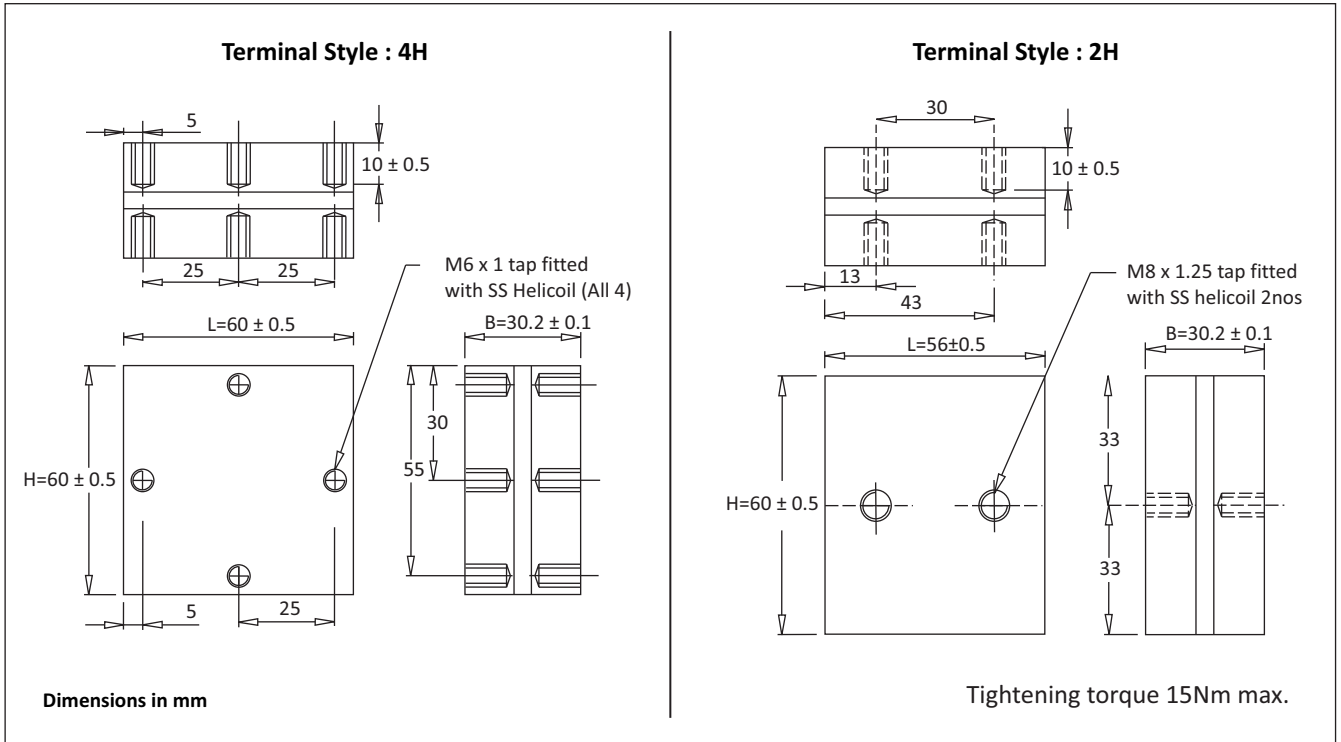


### Standard Capacitor Values

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	350	300	476-649	1.2	30.2	60	60	4H	SP0U101000U1K04H0FP8
	0.10	350	300	476-649	1.2	30.2	66	56	2H	SP0U101000U2K02H0FP8
	0.20	500	300	238-423	1.2	30.2	60	60	4H	SP0U201000U1K04H0FP8
	0.20	500	300	238-423	1.2	30.2	66	56	2H	SP0U201000U2K02H0FP8
700	0.25	500	300	390-530	1.2	30.2	60	60	4H	SP0U250700U1K04H0FP8
	0.25	500	300	390-530	1.2	30.2	66	56	2H	SP0U250700U2K02H0FP8
	0.33	500	300	295-401	1.0	30.2	60	60	4H	SP0U330700U1K04H0FP8
	0.33	500	300	295-401	1.0	30.2	66	56	2H	SP0U330700U2K02H0FP8
	0.66	500	300	147-200	0.8	30.2	60	60	4H	SP0U660700U1K04H0FP8
	0.66	500	300	147-200	0.8	30.2	66	56	2H	SP0U660700U2K02H0FP8
600	1.00	650	300	132-223	0.5	30.2	60	60	4H	SP1U000600U1K04H0FP8
	1.00	650	300	132-223	0.5	30.2	66	56	2H	SP1U000600U2K02H0FP8
	1.20	650	300	111-187	0.5	30.2	60	60	4H	SP1U200600U1K04H0FP8
	1.20	650	300	111-187	0.5	30.2	66	56	2H	SP1U200600U2K02H0FP8
	1.32	650	300	100-170	0.3	30.2	60	60	4H	SP1U320600U1K04H0FP8
	1.32	650	300	100-170	0.3	30.2	66	56	2H	SP1U320600U2K02H0FP8
500	2.40	650	300	80-97	0.2	30.2	60	60	4H	SP2U400500U1K04H0FP8
	2.40	650	300	80-97	0.2	30.2	66	56	2H	SP2U400500U2K02H0FP8
	2.60	650	300	72-85	0.2	30.2	60	60	4H	SP2U600500U1K04H0FP8
	2.60	650	300	72-85	0.2	30.2	66	56	2H	SP2U600500U2K02H0FP8
400	5.00	800	300	59-67	0.1	30.2	60	60	4H	SP5U000400U1K04H0FP8
	5.00	800	300	59-67	0.1	30.2	66	56	2H	SP5U000400U2K02H0FP8

**FP-8-300**

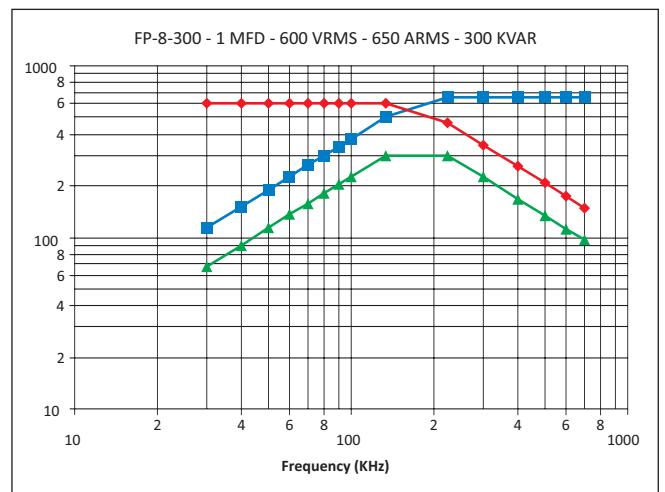
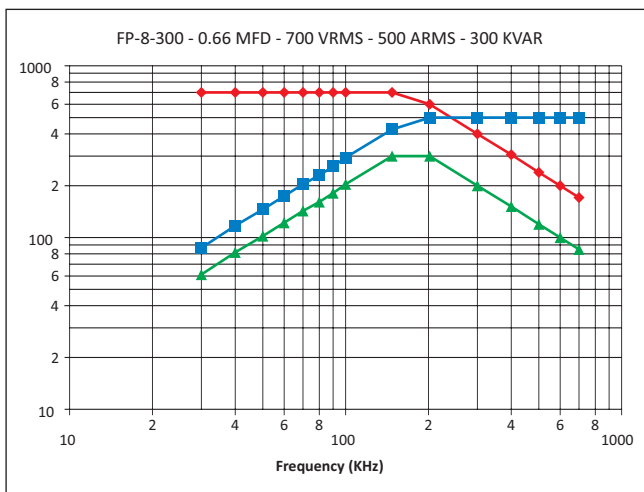
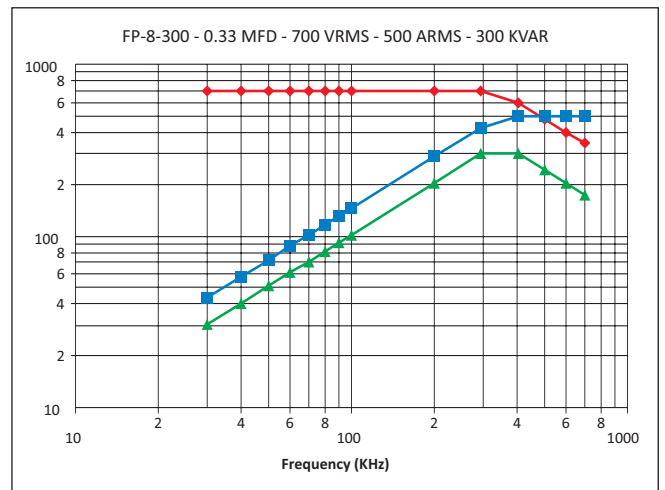
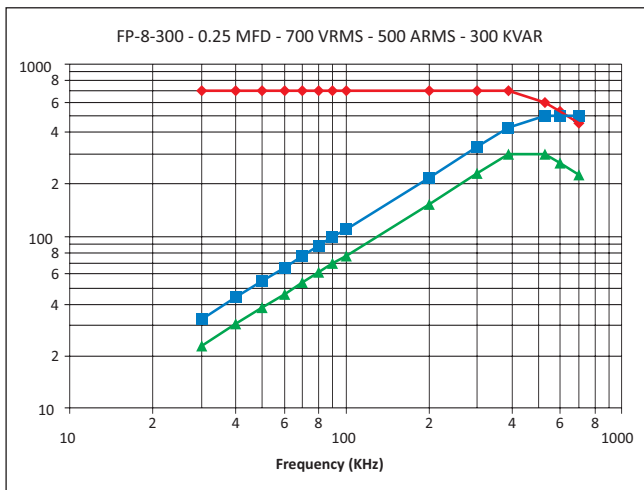
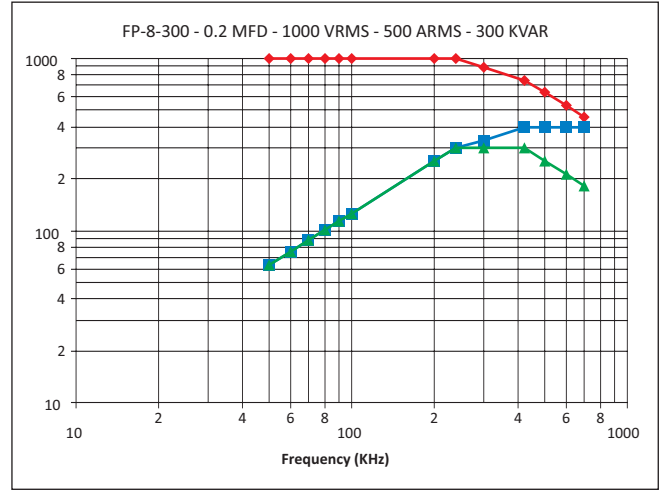
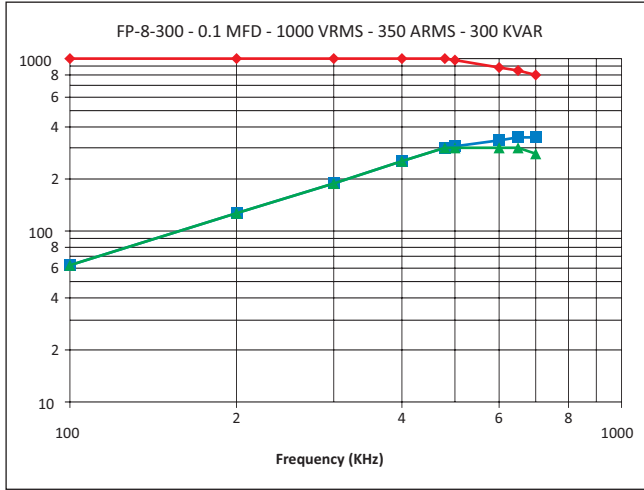
**Capacitor Drawing and Terminal Style**



## FP-8-300

### Frequency Derating

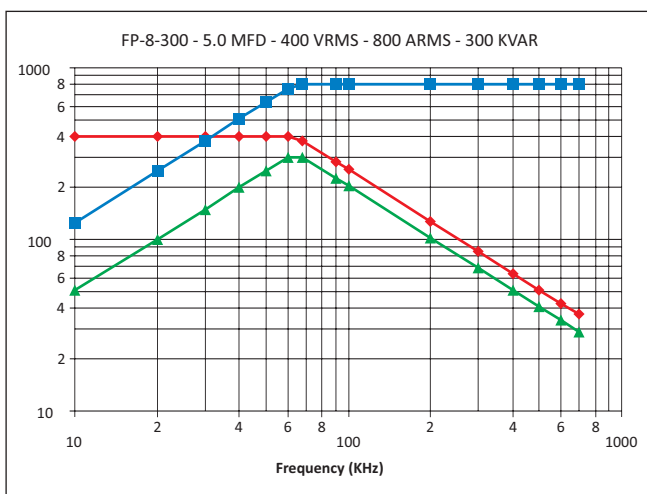
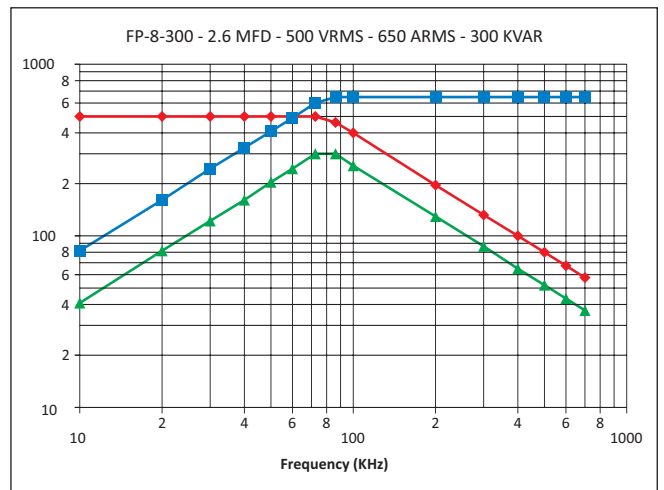
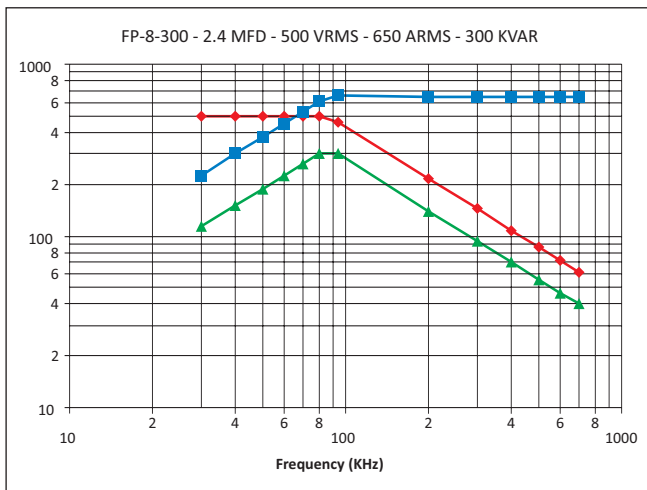
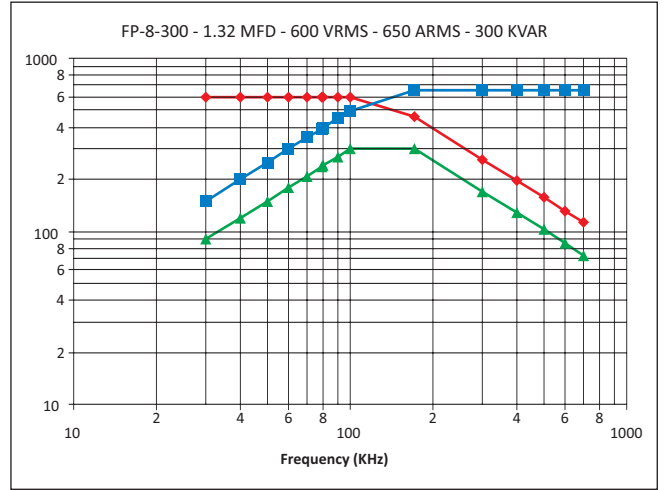
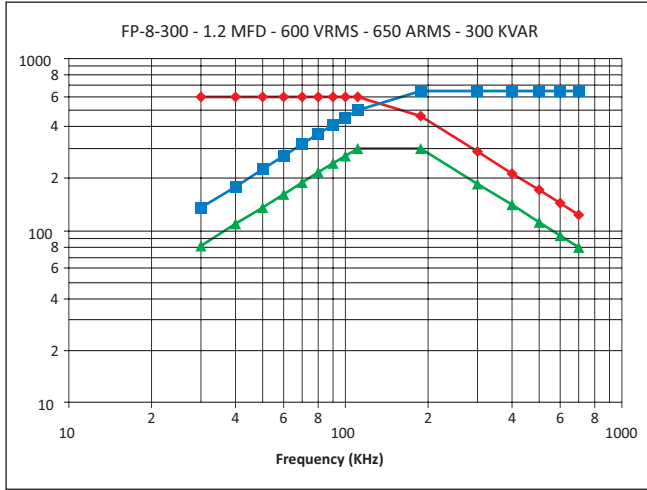
—●— Voltage    —■— Current    —▲— Power



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### Frequency Derating

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



Catalogue No. AEPL FP-8- 300-2H & 4H-SEPT-2013

The specification shown herein ( page 1 to 4 ) pertain to the current manufacturing range of the Company. The Company reserves the right to change and /or modify any part of or whole of the specifications as a result of research and development and as may be necessary, without prior notice