

FP-8-300

Highlights

- Conduction cooled
- Polypropylene dielectric
- Self-healing
- Operating frequency up to 700 KHz
- Maximum operating core temperature 85°C
- Capacitance tolerance $\pm 10\%$
- Flame retardant UL94 - V0, ROHS compliant

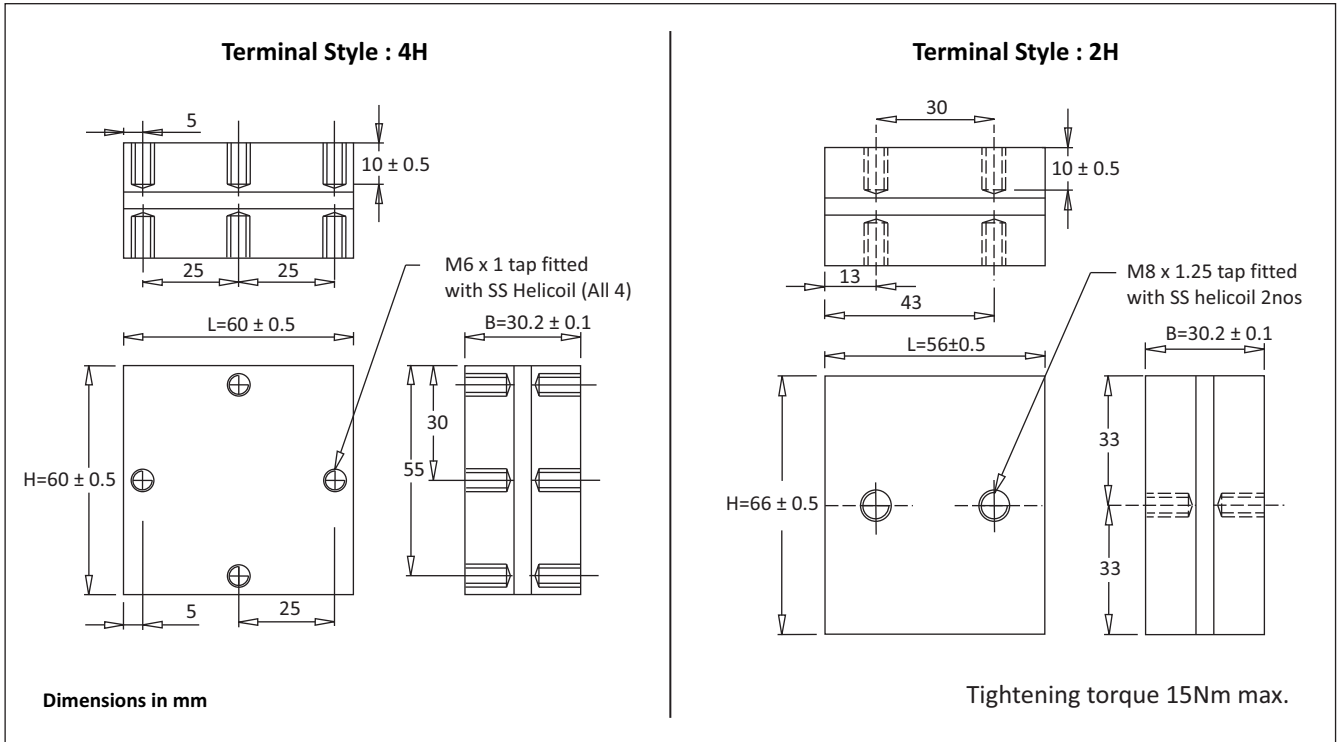


Standard Capacitor Values

Rated Voltage Vrms	Nominal Capacitance MFD at 1KHz	Max Current Irms	Max Power Kvar	Frequency KHz	ESR mΩ	Dimensions mm			Case Code	Terminal Style	Ordering Code
						B	H	L			
1000	0.10	350	300	476-649	1.2	30.2	60	60	U1	4H	SP0U101000U1K04H0FP8
	0.10	350	300	476-649	1.2	30.2	66	56	U2	2H	SP0U101000U2K02H0FP8
	0.20	500	300	238-423	1.2	30.2	60	60	U1	4H	SP0U201000U1K04H0FP8
	0.20	500	300	238-423	1.2	30.2	66	56	U2	2H	SP0U201000U2K02H0FP8
700	0.25	500	300	390-530	1.2	30.2	60	60	U1	4H	SP0U250700U1K04H0FP8
	0.25	500	300	390-530	1.2	30.2	66	56	U2	2H	SP0U250700U2K02H0FP8
	0.33	500	300	295-401	1.0	30.2	60	60	U1	4H	SP0U330700U1K04H0FP8
	0.33	500	300	295-401	1.0	30.2	66	56	U2	2H	SP0U330700U2K02H0FP8
	0.66	500	300	147-200	0.8	30.2	60	60	U1	4H	SP0U660700U1K04H0FP8
	0.66	500	300	147-200	0.8	30.2	66	56	U2	2H	SP0U660700U2K02H0FP8
600	1.00	650	300	132-223	0.5	30.2	60	60	U1	4H	SP1U000600U1K04H0FP8
	1.00	650	300	132-223	0.5	30.2	66	56	U2	2H	SP1U000600U2K02H0FP8
	1.20	650	300	111-187	0.5	30.2	60	60	U1	4H	SP1U200600U1K04H0FP8
	1.20	650	300	111-187	0.5	30.2	66	56	U2	2H	SP1U200600U2K02H0FP8
	1.32	650	300	100-170	0.3	30.2	60	60	U1	4H	SP1U320600U1K04H0FP8
	1.32	650	300	100-170	0.3	30.2	66	56	U2	2H	SP1U320600U2K02H0FP8
500	2.40	650	300	80-97	0.2	30.2	60	60	U1	4H	SP2U400500U1K04H0FP8
	2.40	650	300	80-97	0.2	30.2	66	56	U2	2H	SP2U400500U2K02H0FP8
	2.60	650	300	72-85	0.2	30.2	60	60	U1	4H	SP2U600500U1K04H0FP8
	2.60	650	300	72-85	0.2	30.2	66	56	U2	2H	SP2U600500U2K02H0FP8
400	5.00	800	300	59-67	0.1	30.2	60	60	U1	4H	SP5U000400U1K04H0FP8
	5.00	800	300	59-67	0.1	30.2	66	56	U2	2H	SP5U000400U2K02H0FP8

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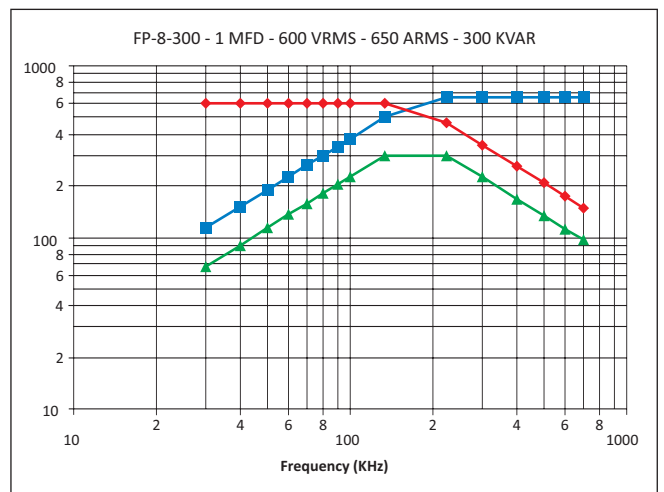
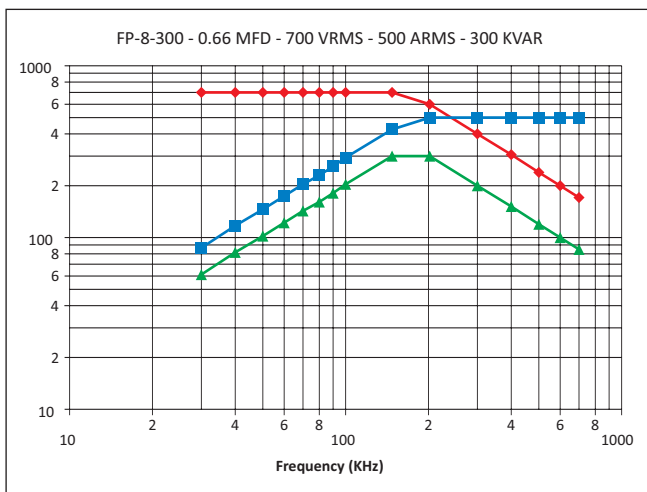
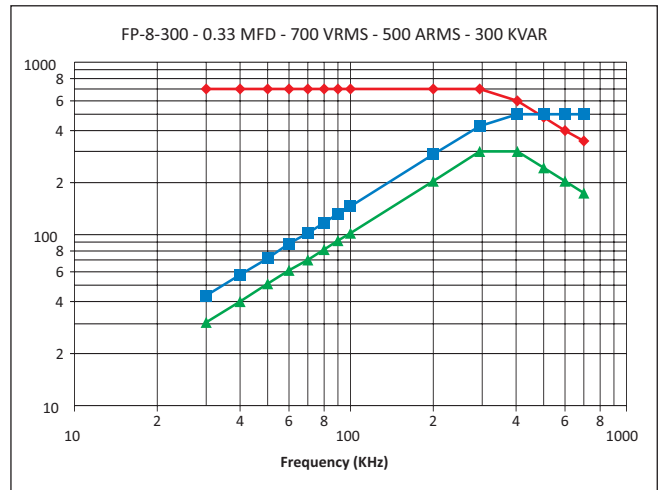
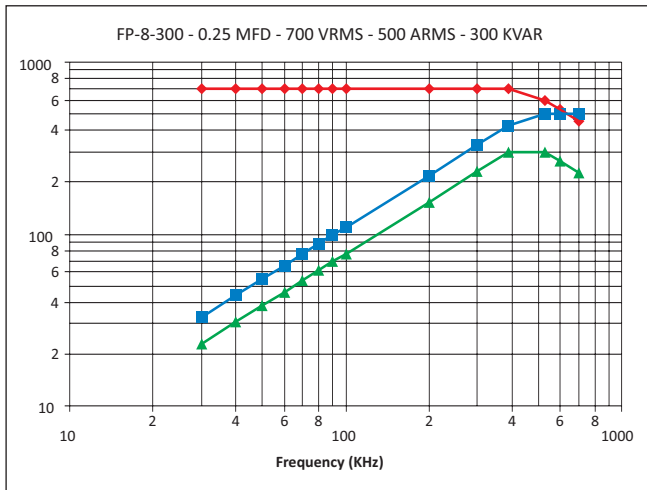
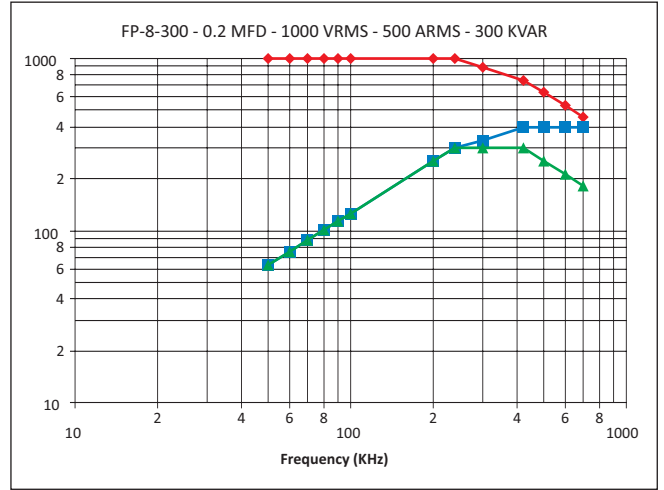
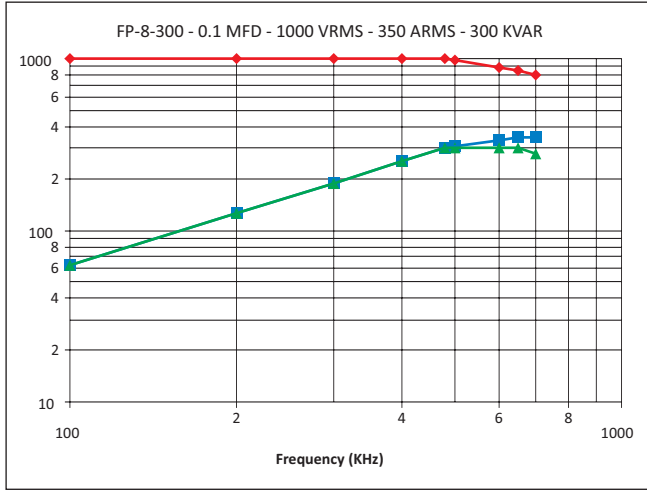
Capacitor Drawing and Terminal Style



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Frequency Derating

—●— Voltage —■— Current —▲— Power



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