

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

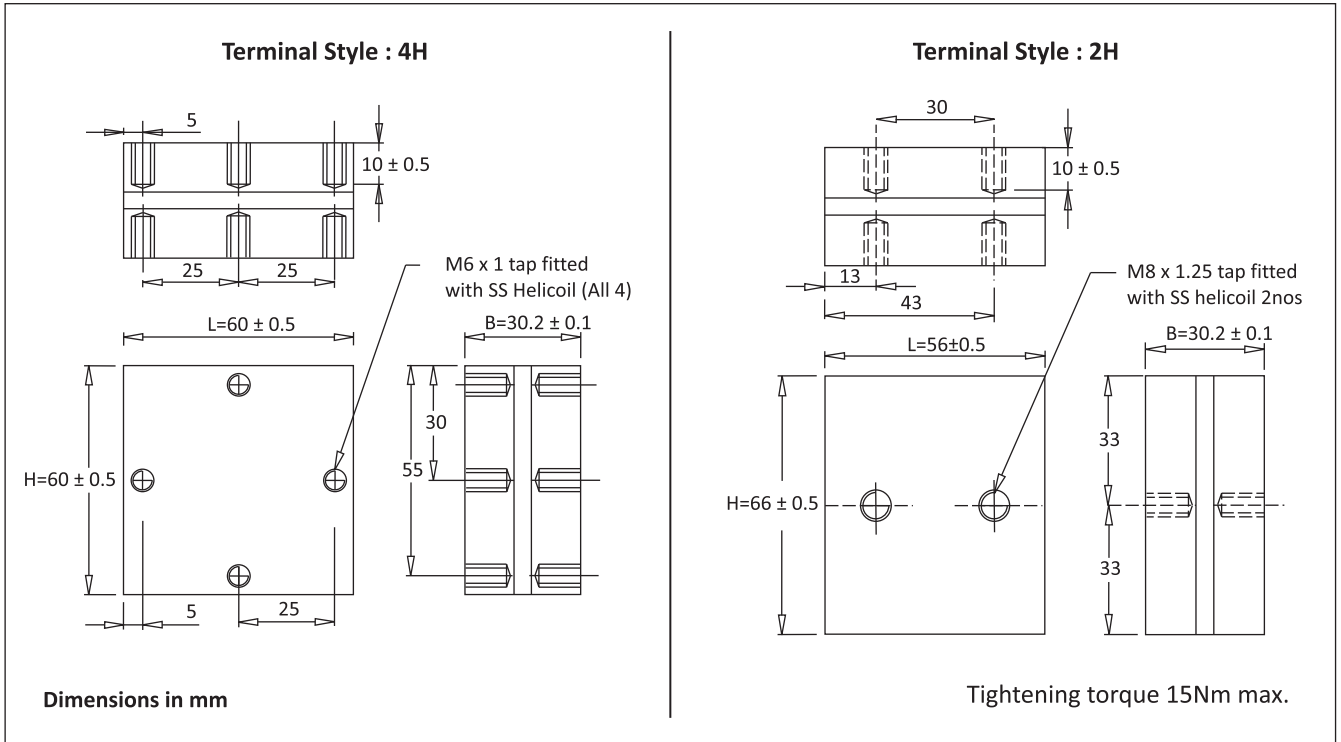


Standard Capacitor Values

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	SP00U101000AY0U1004HK01
	0.10	350	300	476-649	1.2	30.2	66	56	U2	2H	SP00U101000AY0U2002HK01
	0.20	400	300	238-423	1.2	30.2	60	60	U1	4H	SP00U201000AY0U1004HK01
	0.20	400	300	238-423	1.2	30.2	66	56	U2	2H	SP00U201000AY0U2002HK01
700	0.25	500	300	390-530	1.2	30.2	60	60	U1	4H	SP00U250700AY0U1004HK01
	0.25	500	300	390-530	1.2	30.2	66	56	U2	2H	SP00U250700AY0U2002HK01
	0.33	500	300	295-401	1.0	30.2	60	60	U1	4H	SP00U330700AY0U1004HK01
	0.33	500	300	295-401	1.0	30.2	66	56	U2	2H	SP00U330700AY0U2002HK01
	0.66	500	300	147-200	0.8	30.2	60	60	U1	4H	SP00U660700AY0U1004HK01
	0.66	500	300	147-200	0.8	30.2	66	56	U2	2H	SP00U660700AY0U2002HK01
600	1.00	650	300	132-223	0.5	30.2	60	60	U1	4H	SP000010600AY0U1004HK01
	1.00	650	300	132-223	0.5	30.2	66	56	U2	2H	SP000010600AY0U2002HK01
	1.20	650	300	111-187	0.5	30.2	60	60	U1	4H	SP01U200600AY0U1004HK01
	1.20	650	300	111-187	0.5	30.2	66	56	U2	2H	SP01U200600AY0U2002HK01
	1.32	650	300	100-170	0.3	30.2	60	60	U1	4H	SP01U320600AY0U1004HK01
	1.32	650	300	100-170	0.3	30.2	66	56	U2	2H	SP01U320600AY0U2002HK01
500	2.40	650	300	80-97	0.2	30.2	60	60	U1	4H	SP02U400500AY0U1004HK01
	2.40	650	300	80-97	0.2	30.2	66	56	U2	2H	SP02U400500AY0U2002HK01
	2.60	650	300	72-85	0.2	30.2	60	60	U1	4H	SP02U600500AY0U1004HK01
	2.60	650	300	72-85	0.2	30.2	66	56	U2	2H	SP02U600500AY0U2002HK01
400	5.00	800	300	59-67	0.1	30.2	60	60	U1	4H	SP000050400AY0U1004HK01
	5.00	800	300	59-67	0.1	30.2	66	56	U2	2H	SP000050400AY0U2002HK01

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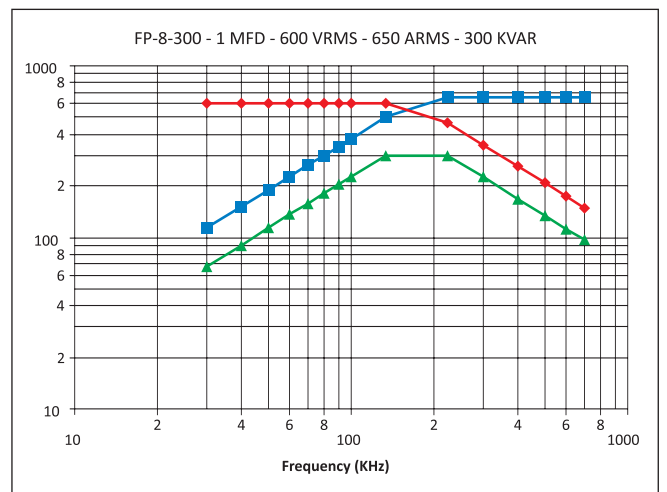
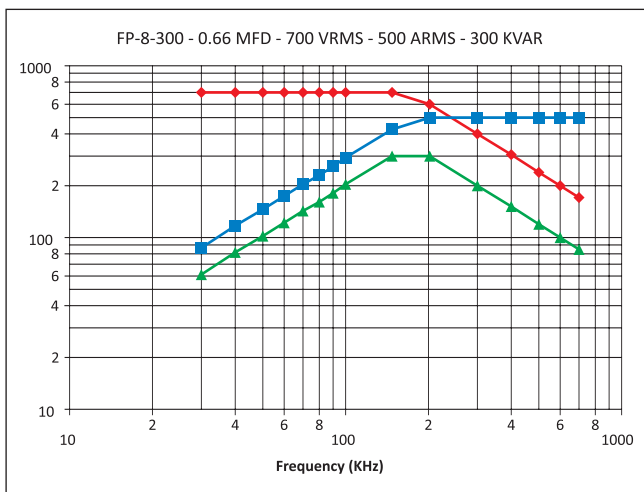
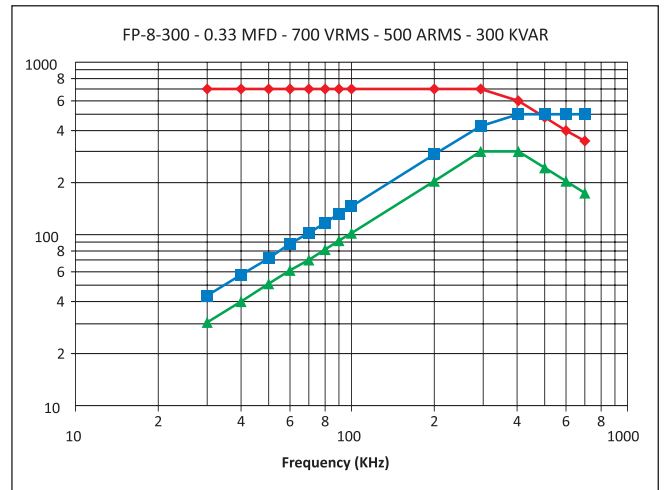
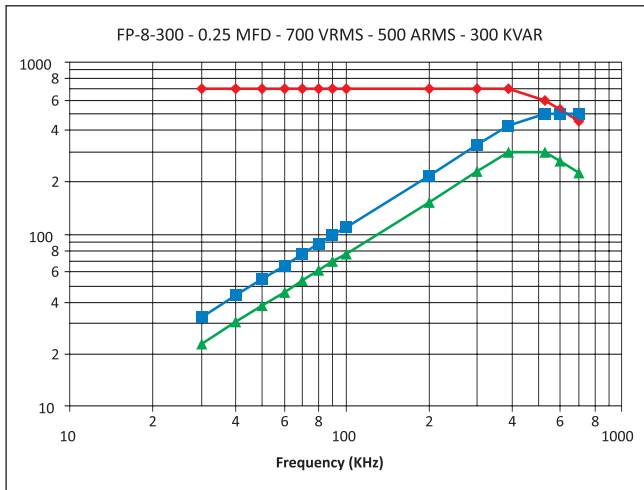
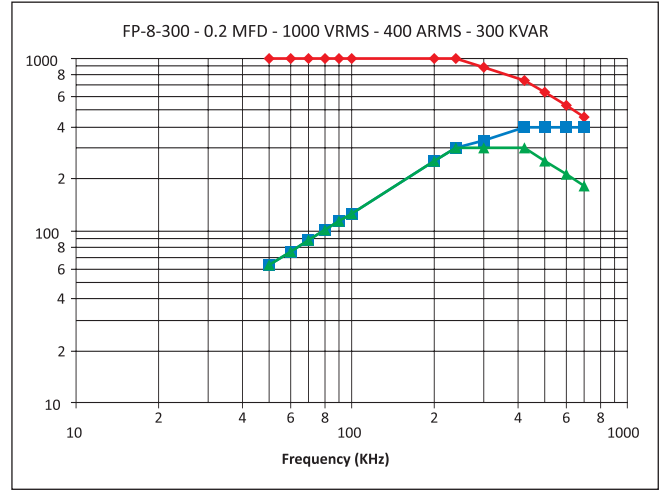
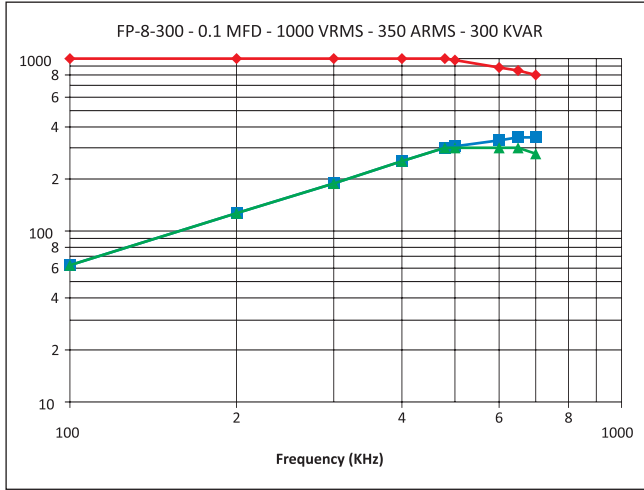
Capacitor Drawing and Terminal Style



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Frequency Derating

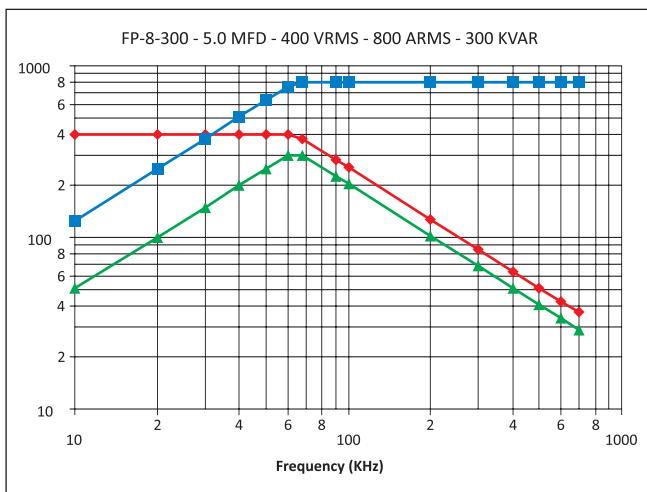
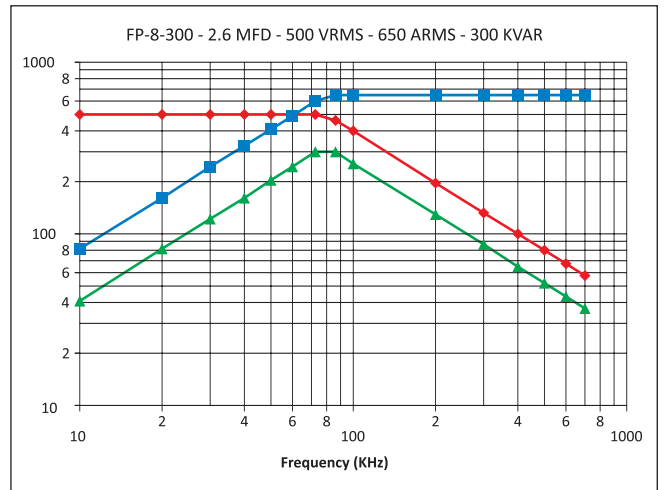
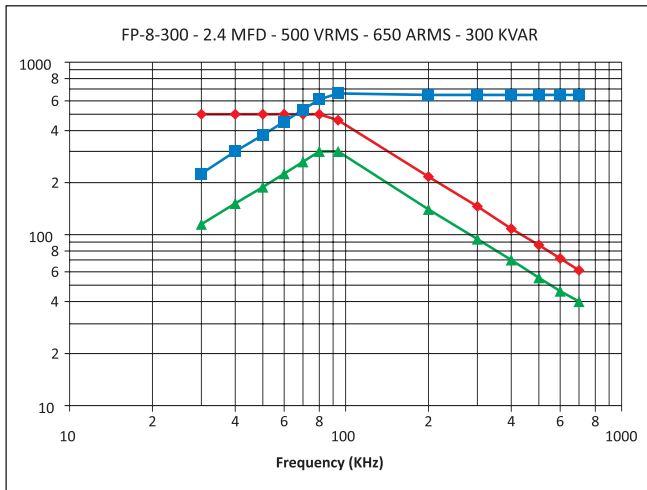
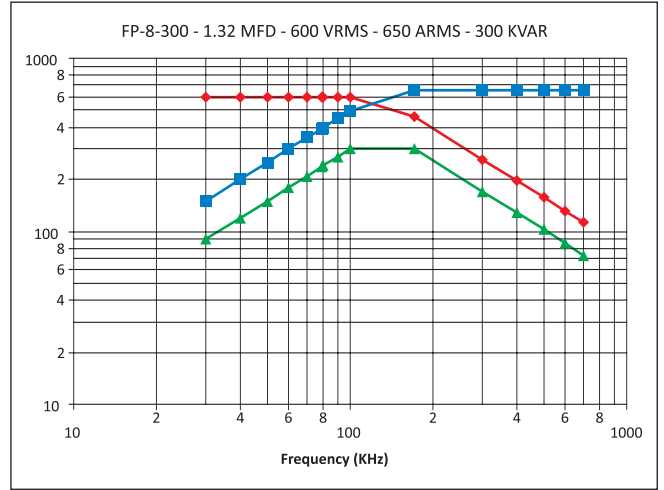
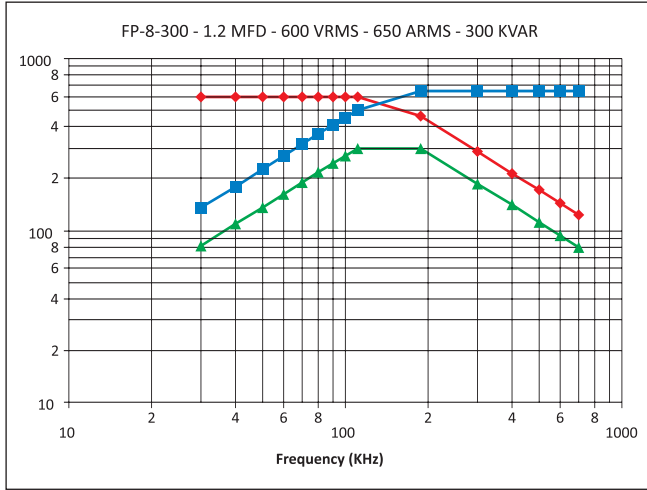
—●— Voltage —■— Current —▲— Power



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Frequency Derating

—◆— Voltage —■— Current —▲— Power



Catalogue No. AEPL FP-8- 300-2H & 4H-JULY-2019 (Rev 01)

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

All Products not for marketing / sale in all countries.