

FP-24-300

Highlights

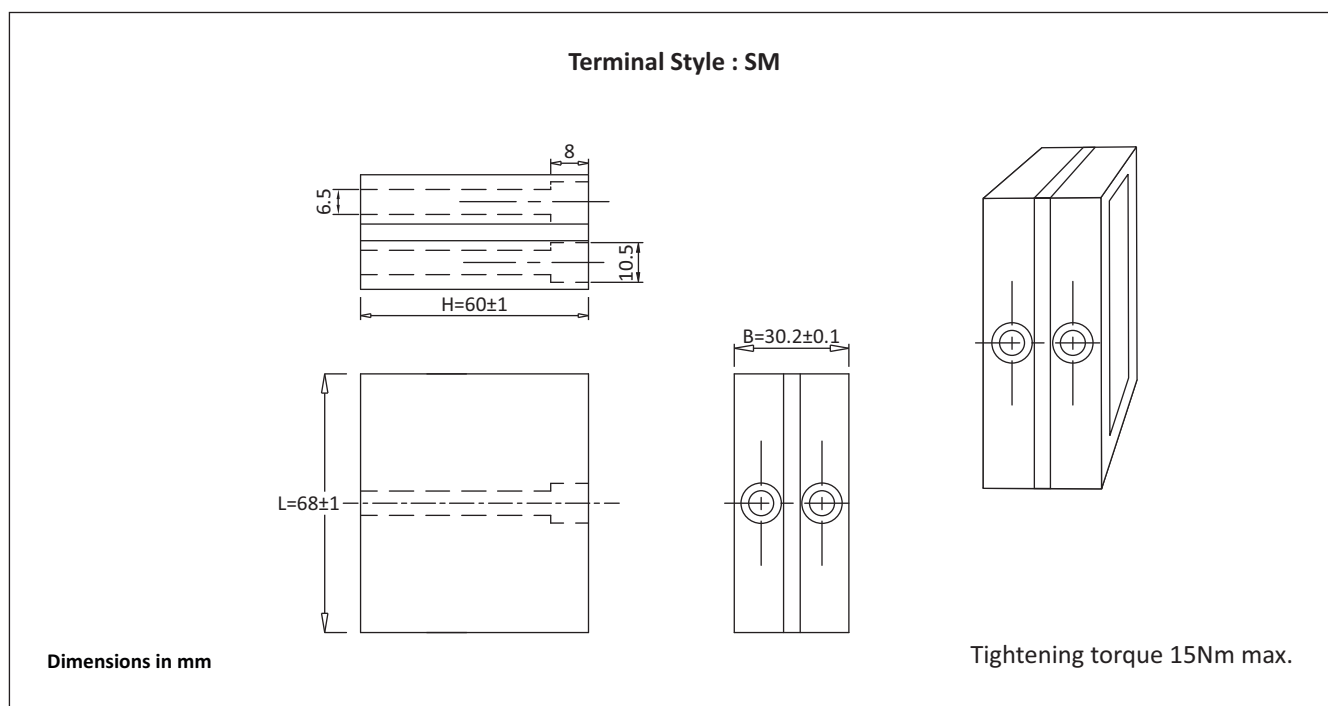
- Conduction cooled
- Polypropylene dielectric
- Self-healing
- Operating frequency up to 700 KHz
- Maximum operating core temperature 85°C
- Capacitance tolerance $\pm 10\%$
- Flame retardant UL94 - V0, ROHS compliant



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 | 68 | L1 | SM | SP000U11000AZ0L100SMK01 |
| | 0.20 | 500 | 300 | 238-423 | 1.2 | 30.2 | 60 | 68 | L1 | SM | SP000U21000AZ0L100SMK01 |
| 700 | 0.25 | 500 | 300 | 390-530 | 1.2 | 30.2 | 60 | 68 | L1 | SM | SP00U250700AZ0L100SMK01 |
| | 0.33 | 500 | 300 | 295-401 | 1.0 | 30.2 | 60 | 68 | L1 | SM | SP00U330700AZ0L100SMK01 |
| | 0.66 | 500 | 300 | 147-200 | 0.8 | 30.2 | 60 | 68 | L1 | SM | SP00U660700AZ0L100SMK01 |
| 600 | 1.00 | 650 | 300 | 132-223 | 0.5 | 30.2 | 60 | 68 | L1 | SM | SP000010600AZ0L100SMK01 |
| | 1.20 | 650 | 300 | 111-187 | 0.5 | 30.2 | 60 | 68 | L1 | SM | SP001U20600AZ0L100SMK01 |
| | 1.32 | 650 | 300 | 100-170 | 0.3 | 30.2 | 60 | 68 | L1 | SM | SP01U320600AZ0L100SMK01 |
| 500 | 2.40 | 650 | 300 | 80-97 | 0.2 | 30.2 | 60 | 68 | L1 | SM | SP002U40500AZ0L100SMK01 |
| | 2.60 | 650 | 300 | 72-85 | 0.2 | 30.2 | 60 | 68 | L1 | SM | SP002U60500AZ0L100SMK01 |
| 400 | 5.00 | 800 | 300 | 59-67 | 0.1 | 30.2 | 60 | 68 | L1 | SM | SP000050400AZ0L100SMK01 |

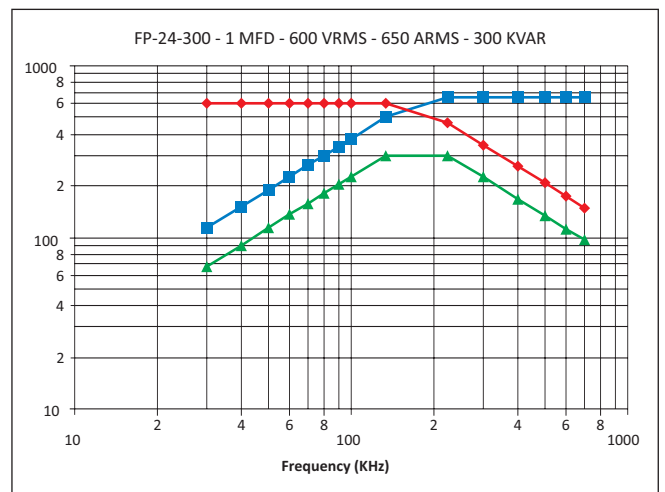
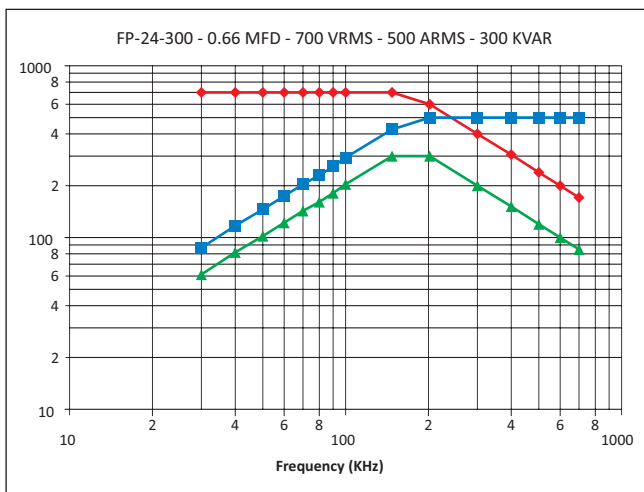
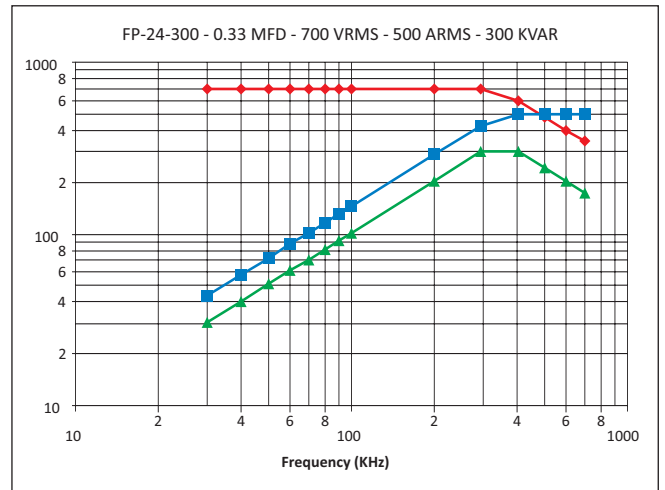
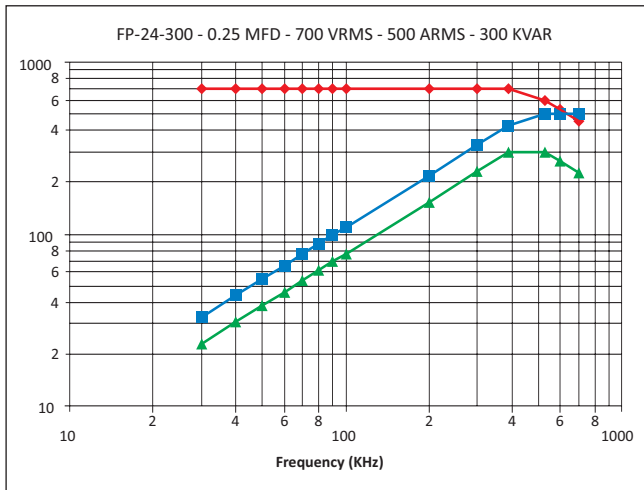
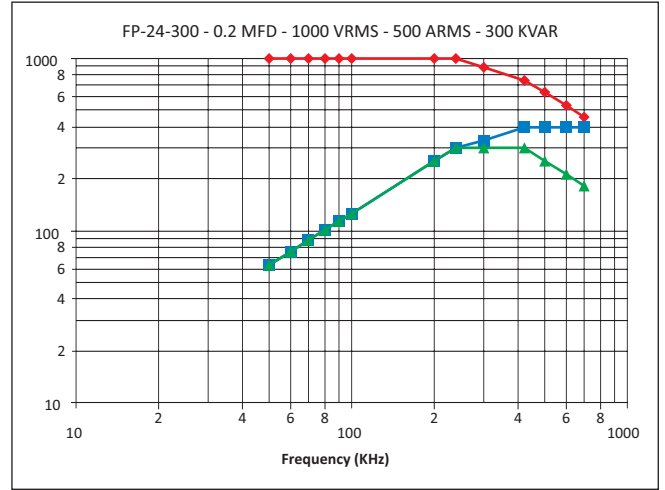
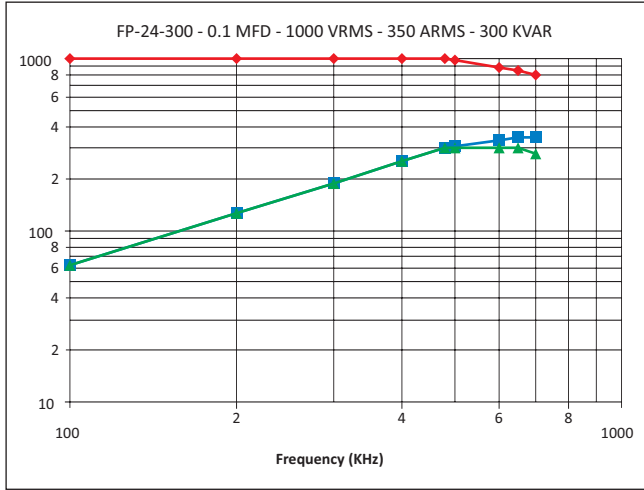
Capacitor Drawing and Terminal Style



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Frequency Derating

—●— Voltage —■— Current —▲— Power



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Frequency Derating

—◆— Voltage —■— Current —▲— Power

