

## FP-5X-200-2C

### Highlights

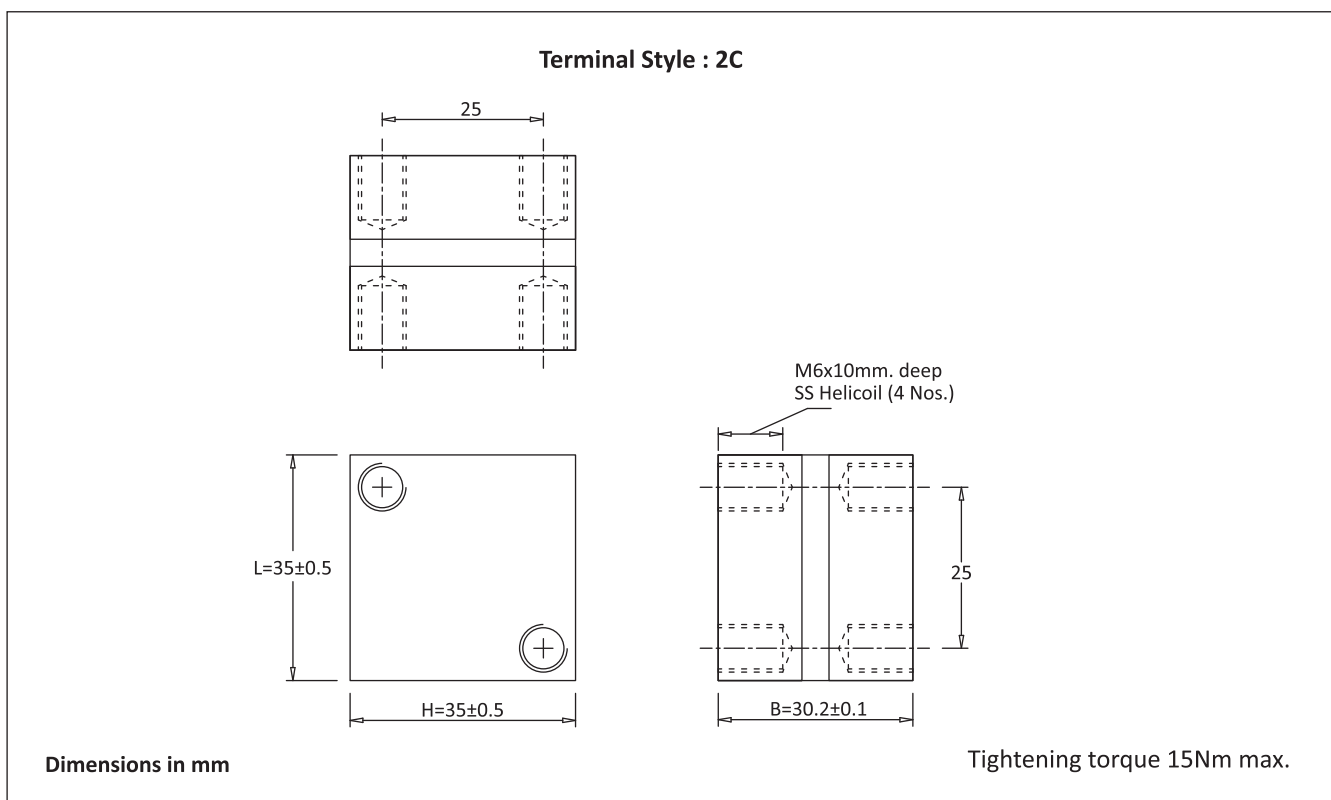
- Conduction cooled
- Polypropylene dielectric
- Self-healing
- Operating frequency up to 1400 KHz
- Maximum operating core temperature 85°C
- Capacitance tolerance  $\pm 10\%$
- Flame retardant UL94 - V0, ROHS compliant



### 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  |           |                |                         |
| 1100               | 0.025                           | 200              | 180            | 948-1414      | 1.5    | 30.2          | 35 | 35 | Z1        | 2C             | SP0U0251100AU0Z1002CK01 |
| 1000               | 0.050                           | 200              | 180            | 574-706       | 1.2    | 30.2          | 35 | 35 | Z1        | 2C             | SP0U0501000AU0Z1002CK01 |
|                    | 0.085                           | 200              | 200            | 374           | 1.0    | 30.2          | 35 | 35 | Z1        | 2C             | SP0U0851000AU0Z1002CK01 |
| 900                | 0.100                           | 250              | 200            | 394-501       | 0.9    | 30.2          | 35 | 35 | Z1        | 2C             | SP0U1000900AU0Z1002CK01 |
|                    | 0.170                           | 250              | 200            | 232-294       | 0.8    | 30.2          | 35 | 35 | Z1        | 2C             | SP0U1700900AU0Z1002CK01 |
| 800                | 0.250                           | 270              | 200            | 199-231       | 0.6    | 30.2          | 35 | 35 | Z1        | 2C             | SP0U2500800AU0Z1002CK01 |
| 700                | 0.330                           | 300              | 200            | 197-217       | 0.4    | 30.2          | 35 | 35 | Z1        | 2C             | SP00U330700AU0Z1002CK01 |
| 600                | 0.660                           | 350              | 200            | 134-148       | 0.4    | 30.2          | 35 | 35 | Z1        | 2C             | SP00U660600AU0Z1002CK01 |
| 500                | 1.200                           | 400              | 200            | 106           | 0.4    | 30.2          | 35 | 35 | Z1        | 2C             | SP01U200500AU0Z1002CK01 |

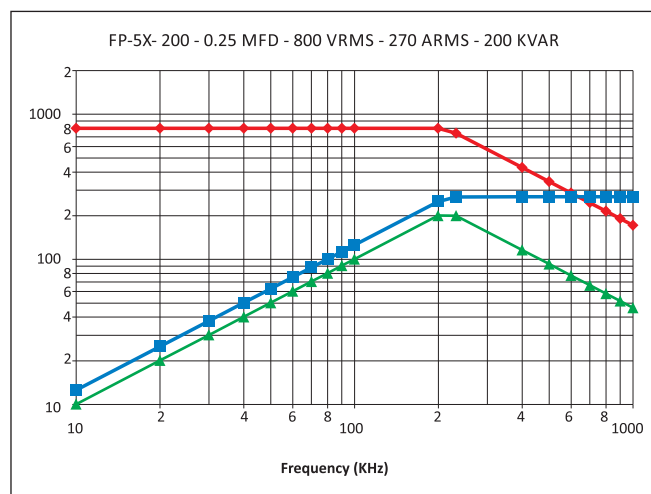
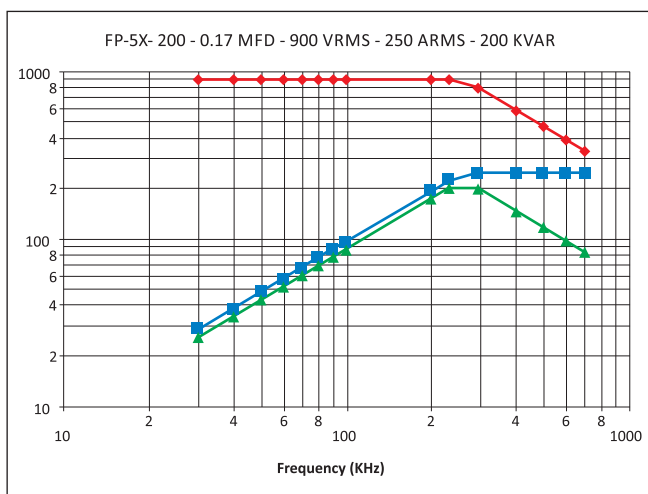
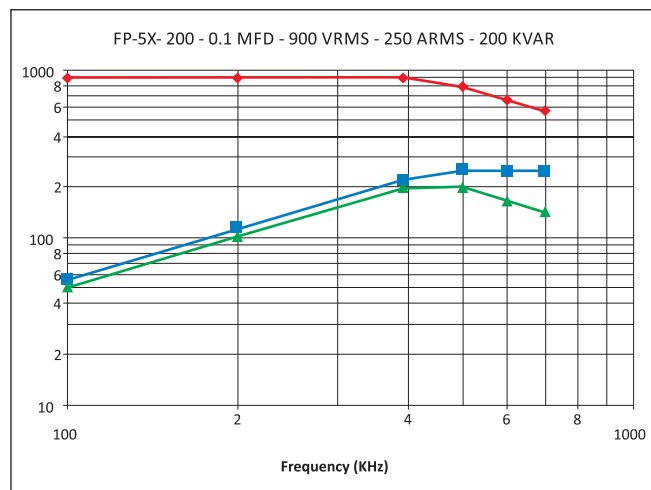
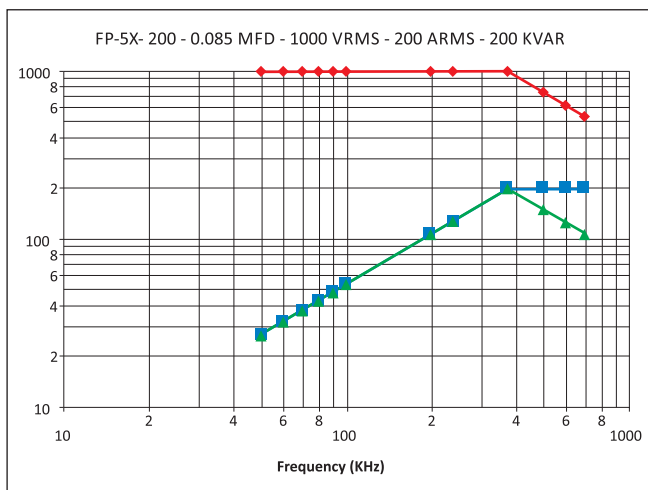
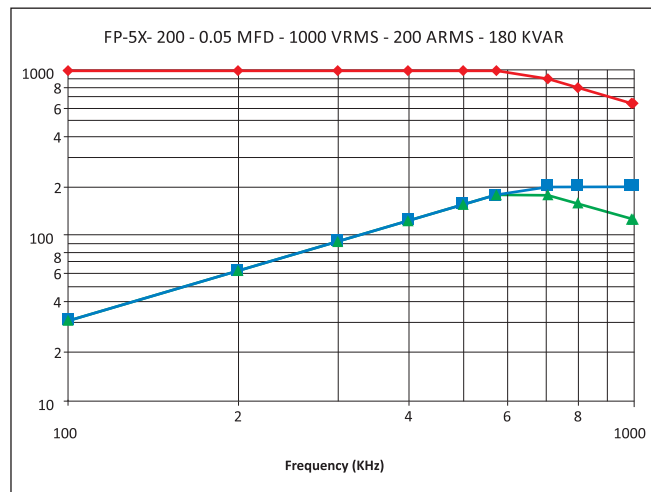
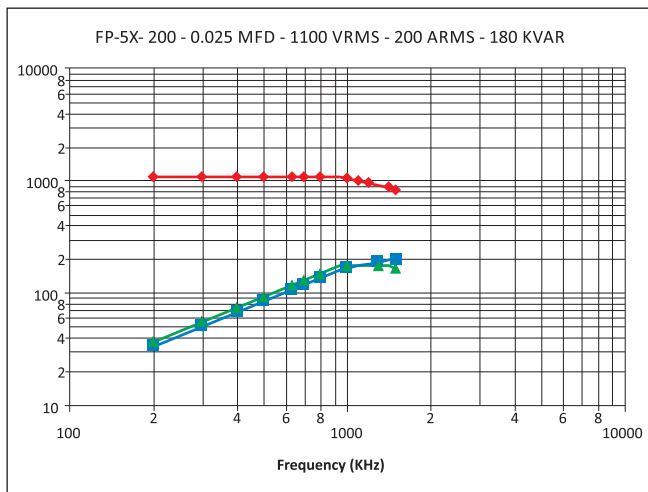
### Capacitor Drawing and Terminal Style



## FP-5X-200-2C

### Frequency Derating

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



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

