



Solid Tantalum Electrolytic Capacitors

| Kind | Solid Tantalum Electrolytic Capacitors | | | |
|---------------------------------|---|--|---|---|
| Series | F91 | F92 | F93 | F97 |
| Features | <ul style="list-style-type: none"> Rectangular Molded Low ESR | <ul style="list-style-type: none"> Low Profile, Rectangular Molded Excellent Humidity Resistance | <ul style="list-style-type: none"> General Purpose Rectangular Molded Excellent Humidity Resistance | <ul style="list-style-type: none"> Rectangular Molded Soldering Heat Resistance Superior Humidity & Environment Resistance High Reliability |
| Photograph | | | | |
| Type | Resin-Molded Chip | Resin-Molded Chip | Resin-Molded Chip | Resin-Molded Chip |
| Category Temperature Range (°C) | -55 to +125 | -55 to +125 | -55 to +125 | -55 to +125 |
| Voltage Range (V) | 4 to 10 | 4 to 35 | 4 to 35 | 6.3 to 35 |
| Rated Capacitance (μF) | 68 to 680 | 0.22 to 150 | 0.68 to 680 | 0.47 to 100 |
| Capacitance Tolerance (%) | ±20, ±10 | ±20 | ±20, ±10 | ±20, ±10 |
| Leakage Current (μA) | 0.01CV or 0.5 Max. | 0.01CV or 0.5 Max. | 0.01CV or 0.5 Max. | 0.01CV or 0.5 Max. |
| Dissipation Factor (%) | 8 to 18 Max. | 4 to 30 Max. | 4 to 40 Max. | 4 to 15 Max. |
| Failure rate level | at 85°C Rated Voltage Applied 1% / 1000 hours | at 85°C Rated Voltage Applied 1% / 1000 hours | at 85°C Rated Voltage Applied 1% / 1000 hours | at 85°C Rated Voltage Applied 0.5% / 1000 hours |

| Kind | Solid Tantalum Electrolytic Capacitors | | | |
|---------------------------------|---|---|--|---|
| Series | MUSE F95 / F95 | F72 | F75 | F98 |
| Features | <ul style="list-style-type: none"> For Audio Equipment(MUSE F95) Small Rectangular Low ESR/Impedance, Excellent High Frequency Characteristics | <ul style="list-style-type: none"> Low Profile, High Capacitance Low ESR/Impedance, Excellent High Frequency Characteristics | <ul style="list-style-type: none"> High Capacitance Low ESR/ Impedance, Excellent High Frequency Characteristics | <ul style="list-style-type: none"> High Density Mounting High Capacitance |
| Photograph | | | | |
| Type | Conformal Coated Chip | Conformal Coated Chip | Conformal Coated Chip | Resin-Molded Chip |
| Category Temperature Range (°C) | -55 to +125 | -55 to +125 | -55 to +125 | -55 to +125 |
| Voltage Range (V) | 4 to 10 (MUSE F95) / 4 to 35 (F95) | 4 to 16 | 4 to 16 | 4 to 25 |
| Rated Capacitance (μF) | 68 to 470 (MUSE F95) / 1 to 470 (F95) | 33 to 1500 | 68 to 2200 | 1 to 100 |
| Capacitance Tolerance (%) | ±20 (MUSE F95) / ±20, ±10 (F95) | ±20, ±10 | ±20, ±10 | ±20 |
| Leakage Current (μA) | 0.01CV or 0.02CV 0.5 Max. | 0.02CV or 0.5 Max. | 0.01CV or 0.5 Max. | 0.01CV to 0.1CV 0.5 Max. |
| Dissipation Factor (%) | 10 to 40MAX.(MUSE F95) / 4 to 40MAX.(F95) | 6 to 45 Max. | 10 to 45 Max. | 6 to 50 Max. |
| Failure rate level | at 85°C Rated Voltage Applied 1% / 1000 hours | at 85°C Rated Voltage Applied 1% / 1000 hours | at 85°C Rated Voltage Applied 1% / 1000 hours | at 85°C Rated Voltage Applied 1% / 1000 hours |