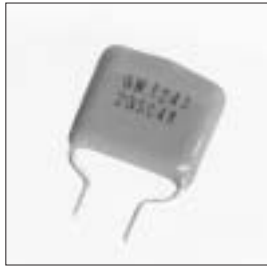
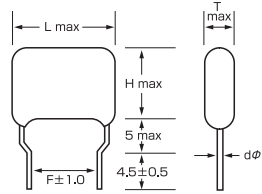


高耐熱、高周波回路用コンデンサ HEAT PROOF AND HIGH FREQUENCY



FGSM (161)

メタライズドポリプロピレン METALLIZED POLYPROPYLENE



FGSM(161) VDC

特徴

- 耐熱性向上PPフィルムを採用し、使用温度範囲を拡大。-40~105℃(電圧軽減により125℃まで使用可能)
- 電極抵抗軽減設計により、大電流化を実現。
- 小型、高耐熱化対応により、コストパフォーマンスを向上。

用途

- インバータ照明回路
- 共振型SW電源

電気特性

使用温度範囲 -40℃~105℃(電圧軽減により125℃まで使用可能)
 定格電圧 250VDC (250Vo-p)・315VDC (315Vo-p)
 400VDC (400Vo-p)・450VDC (450Vo-p)
 630VDC (630Vo-p)
 静電容量範囲 0.01μF~4.7μF
 静電容量許容差 ±3%(H) ±5%(J)
 誘電正接 ≤0.08%(at 1kHz 20℃)
 耐電圧 定格電圧×175%(1~5秒)
 絶縁抵抗 30,000MΩ≤(≤0.33μF at 20℃)
 10,000MΩμF≤(0.33μF< at 20℃)

CHARACTERISTICS

- High temperature proof PP film used to expand temperature range.
-40 to 105℃ (Can be used max 125℃ by rated voltage derating)
- Higher Current flows are available by electrode resistance reduction design.
- High cost performance are achieved by compact sized, and high temperature resistance.

APPLICATIONS

- Electronic Ballast
- Resonance Switching power supply

ELECTRIC CHARACTERISTICS

Operation Temperature -40℃~105℃(Can be used max 125℃ by rated voltage derating)
 Range Voltage 250VDC (250Vo-p)・315VDC (315Vo-p)
 400VDC (400Vo-p)・450VDC (450Vo-p)
 630VDC (630Vo-p)
 Capacitance range 0.01μF~4.7μF
 Capacitance tolerance ±3%(H) ±5%(J)
 Dissipation factor ≤0.08%(at 1kHz 20℃)
 Withstand Voltage Rated voltage×175%(1~5sec)
 Dielectric strength 30,000MΩ≤(≤0.33μF at 20℃)
 10,000MΩμF≤(0.33μF< at 20℃)

| Capacity (μF) | DIMENSIONS (mm) 250VDC | | | | | DIMENSIONS (mm) 315VDC | | | | | DIMENSIONS (mm) 400VDC | | | | | DIMENSIONS (mm) 450VDC | | | | | DIMENSIONS (mm) 630VDC | | | | |
|---------------|------------------------|------|-----|-----|-----|------------------------|------|------|------|-----|------------------------|------|------|-----|-----|------------------------|------|------|------|-----|------------------------|------|------|------|-----|
| | L | H | T | F | d | L | H | T | F | d | L | H | T | F | d | L | H | T | F | d | L | H | T | F | d |
| 103 (0.01) | 13.0 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 |
| 113 (0.011) | 13.0 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 |
| 123 (0.012) | 13.0 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 |
| 133 (0.013) | 13.0 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 |
| 153 (0.015) | 13.0 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 |
| 163 (0.016) | 13.0 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 |
| 183 (0.018) | 13.0 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 |
| 203 (0.02) | 13.0 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 |
| 223 (0.022) | 13.0 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 | 15.5 | 12.5 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 |
| 243 (0.024) | 13.0 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 | 15.5 | 12.5 | 5.5 | 7.5 | 0.8 | 13.5 | 10.0 | 5.5 | 7.5 | 0.8 |
| 273 (0.027) | 13.0 | 10.0 | 6.0 | 7.5 | 0.8 | 13.5 | 10.0 | 6.0 | 7.5 | 0.8 | 13.5 | 10.0 | 6.0 | 7.5 | 0.8 | 15.5 | 12.5 | 6.0 | 7.5 | 0.8 | 13.5 | 10.5 | 6.0 | 7.5 | 0.8 |
| 303 (0.03) | 13.0 | 10.0 | 6.0 | 7.5 | 0.8 | 13.5 | 10.0 | 6.0 | 7.5 | 0.8 | 13.5 | 10.0 | 6.0 | 7.5 | 0.8 | 15.5 | 13.0 | 6.0 | 7.5 | 0.8 | 13.5 | 10.5 | 6.0 | 7.5 | 0.8 |
| 333 (0.033) | 13.0 | 10.0 | 6.0 | 7.5 | 0.8 | 13.5 | 10.0 | 6.0 | 7.5 | 0.8 | 13.5 | 10.0 | 6.0 | 7.5 | 0.8 | 15.5 | 12.5 | 5.5 | 7.5 | 0.8 | 13.5 | 11.0 | 6.0 | 7.5 | 0.8 |
| 363 (0.036) | 13.0 | 10.0 | 6.0 | 7.5 | 0.8 | 13.5 | 10.0 | 6.0 | 7.5 | 0.8 | 13.5 | 10.0 | 6.0 | 7.5 | 0.8 | 15.5 | 12.5 | 6.0 | 7.5 | 0.8 | 13.5 | 11.0 | 6.5 | 7.5 | 0.8 |
| 393 (0.039) | 13.0 | 10.0 | 6.0 | 7.5 | 0.8 | 13.5 | 10.0 | 6.0 | 7.5 | 0.8 | 13.5 | 10.0 | 6.0 | 7.5 | 0.8 | 15.5 | 12.5 | 6.0 | 7.5 | 0.8 | 13.5 | 11.5 | 6.5 | 7.5 | 0.8 |
| 433 (0.043) | 13.0 | 10.0 | 6.0 | 7.5 | 0.8 | 13.5 | 10.0 | 6.0 | 7.5 | 0.8 | 13.5 | 10.0 | 6.0 | 7.5 | 0.8 | 15.5 | 13.0 | 6.0 | 7.5 | 0.8 | 13.5 | 11.5 | 7.0 | 7.5 | 0.8 |
| 473 (0.047) | 13.0 | 10.0 | 6.0 | 7.5 | 0.8 | 18.0 | 13.0 | 6.0 | 10.0 | 0.8 | 13.5 | 10.0 | 6.0 | 7.5 | 0.8 | 15.5 | 13.0 | 6.5 | 7.5 | 0.8 | 15.5 | 12.5 | 7.0 | 7.5 | 0.8 |
| 513 (0.051) | 13.0 | 10.5 | 6.5 | 7.5 | 0.8 | 18.0 | 13.0 | 6.0 | 10.0 | 0.8 | 13.5 | 10.5 | 6.5 | 7.5 | 0.8 | 15.5 | 13.5 | 6.5 | 7.5 | 0.8 | 15.5 | 12.5 | 7.5 | 7.5 | 0.8 |
| 563 (0.056) | 13.0 | 10.5 | 6.5 | 7.5 | 0.8 | 18.0 | 13.0 | 6.0 | 10.0 | 0.8 | 13.5 | 10.5 | 6.5 | 7.5 | 0.8 | 15.5 | 13.5 | 6.5 | 7.5 | 0.8 | 15.5 | 13.0 | 7.5 | 7.5 | 0.8 |
| 623 (0.062) | 13.0 | 11.0 | 6.5 | 7.5 | 0.8 | 18.0 | 13.0 | 6.0 | 10.0 | 0.8 | 13.5 | 11.0 | 6.5 | 7.5 | 0.8 | 15.5 | 14.0 | 7.0 | 7.5 | 0.8 | 15.5 | 13.0 | 8.0 | 7.5 | 0.8 |
| 683 (0.068) | 13.0 | 10.5 | 7.0 | 7.5 | 0.8 | 18.0 | 13.0 | 6.0 | 10.0 | 0.8 | 13.5 | 11.0 | 7.0 | 7.5 | 0.8 | 18.0 | 13.0 | 6.5 | 10.0 | 0.8 | 15.5 | 13.0 | 9.0 | 7.5 | 0.8 |
| 753 (0.075) | 13.0 | 11.0 | 7.0 | 7.5 | 0.8 | 18.0 | 13.0 | 6.5 | 10.0 | 0.8 | 13.5 | 11.5 | 7.0 | 7.5 | 0.8 | 18.0 | 13.5 | 6.5 | 10.0 | 0.8 | 15.5 | 13.5 | 9.0 | 7.5 | 0.8 |
| 823 (0.082) | 13.0 | 11.0 | 7.0 | 7.5 | 0.8 | 18.0 | 13.5 | 6.5 | 10.0 | 0.8 | 13.5 | 11.5 | 7.5 | 7.5 | 0.8 | 18.0 | 13.5 | 7.0 | 10.0 | 0.8 | 15.5 | 14.0 | 9.0 | 7.5 | 0.8 |
| 913 (0.091) | 13.0 | 11.5 | 7.5 | 7.5 | 0.8 | 18.0 | 13.5 | 7.0 | 10.0 | 0.8 | 13.5 | 12.0 | 7.5 | 7.5 | 0.8 | 18.0 | 14.0 | 7.0 | 10.0 | 0.8 | 15.5 | 14.5 | 9.5 | 7.5 | 0.8 |
| 104 (0.1) | 13.5 | 11.0 | 6.5 | 7.5 | 0.8 | 18.0 | 14.0 | 7.0 | 10.0 | 0.8 | 15.5 | 12.5 | 6.5 | 7.5 | 0.8 | 18.0 | 14.0 | 7.5 | 10.0 | 0.8 | 18.5 | 14.5 | 8.0 | 7.5 | 0.8 |
| 114 (0.11) | 13.5 | 11.0 | 7.0 | 7.5 | 0.8 | 18.0 | 14.0 | 7.5 | 10.0 | 0.8 | 15.5 | 12.5 | 7.0 | 7.5 | 0.8 | 18.0 | 14.5 | 7.5 | 10.0 | 0.8 | 18.5 | 15.0 | 8.0 | 7.5 | 0.8 |
| 124 (0.12) | 13.5 | 11.0 | 7.0 | 7.5 | 0.8 | 18.0 | 14.5 | 7.5 | 10.0 | 0.8 | 15.5 | 12.5 | 7.0 | 7.5 | 0.8 | 18.0 | 15.0 | 8.0 | 10.0 | 0.8 | 18.5 | 15.0 | 8.5 | 7.5 | 0.8 |
| 134 (0.13) | 13.5 | 11.5 | 7.0 | 7.5 | 0.8 | 18.0 | 14.5 | 8.0 | 10.0 | 0.8 | 15.5 | 13.0 | 7.5 | 7.5 | 0.8 | 18.0 | 15.0 | 8.0 | 10.0 | 0.8 | 18.5 | 15.5 | 8.5 | 7.5 | 0.8 |
| 154 (0.15) | 13.5 | 12.5 | 7.0 | 7.5 | 0.8 | 18.0 | 15.0 | 8.5 | 10.0 | 0.8 | 15.5 | 13.5 | 7.5 | 7.5 | 0.8 | 18.0 | 15.5 | 8.5 | 10.0 | 0.8 | 18.5 | 16.0 | 9.5 | 7.5 | 0.8 |
| 164 (0.16) | 13.5 | 13.0 | 7.0 | 7.5 | 0.8 | 18.0 | 13.0 | 6.0 | 10.0 | 0.8 | 15.5 | 13.5 | 8.0 | 7.5 | 0.8 | 18.0 | 16.0 | 9.0 | 10.0 | 0.8 | 18.5 | 16.0 | 9.0 | 7.5 | 0.8 |
| 184 (0.18) | 13.5 | 11.5 | 7.0 | 7.5 | 0.8 | 18.0 | 13.5 | 6.5 | 10.0 | 0.8 | 15.5 | 14.0 | 7.0 | 7.5 | 0.8 | 18.0 | 16.5 | 9.5 | 10.0 | 0.8 | 18.5 | 16.5 | 10.0 | 7.5 | 0.8 |
| 204 (0.2) | 13.5 | 11.5 | 7.5 | 7.5 | 0.8 | 18.0 | 13.5 | 7.0 | 10.0 | 0.8 | 15.5 | 14.5 | 7.0 | 7.5 | 0.8 | 20.0 | 16.0 | 9.0 | 10.0 | 0.8 | 18.5 | 17.0 | 10.5 | 7.5 | 0.8 |
| 224 (0.22) | 13.5 | 12.0 | 7.5 | 7.5 | 0.8 | 18.0 | 14.0 | 7.0 | 10.0 | 0.8 | 15.5 | 14.5 | 7.5 | 7.5 | 0.8 | 20.0 | 16.5 | 9.5 | 10.0 | 0.8 | 18.5 | 17.5 | 11.5 | 7.5 | 0.8 |
| 244 (0.24) | 13.5 | 12.0 | 7.5 | 7.5 | 0.8 | 18.0 | 14.0 | 7.5 | 10.0 | 0.8 | 18.5 | 15.0 | 7.5 | 7.5 | 0.8 | 20.0 | 16.5 | 10.0 | 10.0 | 0.8 | 18.5 | 18.0 | 12.0 | 7.5 | 0.8 |
| 274 (0.27) | 13.5 | 12.5 | 7.5 | 7.5 | 0.8 | 18.0 | 14.5 | 8.0 | 10.0 | 0.8 | 18.5 | 15.5 | 8.0 | 7.5 | 0.8 | 20.0 | 17.0 | 10.5 | 10.0 | 0.8 | 20.5 | 18.5 | 11.0 | 7.5 | 0.8 |
| 304 (0.3) | 13.5 | 12.5 | 8.0 | 7.5 | 0.8 | 18.0 | 15.0 | 8.0 | 10.0 | 0.8 | 18.5 | 15.5 | 8.5 | 7.5 | 0.8 | 20.0 | 17.5 | 11.0 | 10.0 | 0.8 | 20.5 | 19.0 | 10.0 | 7.5 | 0.8 |
| 334 (0.33) | 13.5 | 13.0 | 8.0 | 7.5 | 0.8 | 18.0 | 15.0 | 8.5 | 10.0 | 0.8 | 18.5 | 16.0 | 9.0 | 7.5 | 0.8 | 20.0 | 18.5 | 11.5 | 10.0 | 0.8 | 20.5 | 19.5 | 10.5 | 7.5 | 0.8 |
| 364 (0.36) | 13.5 | 13.5 | 8.5 | 7.5 | 0.8 | 18.0 | 15.5 | 8.5 | 10.0 | 0.8 | 18.5 | 16.5 | 9.0 | 7.5 | 0.8 | 23.0 | 20.0 | 12.5 | 12.5 | 0.8 | 20.5 | 20.0 | 11.0 | 7.5 | 0.8 |
| 394 (0.39) | 13.5 | 13.5 | 9.0 | 7.5 | 0.8 | 18.0 | 16.0 | 9.0 | 10.0 | 0.8 | 18.5 | 16.5 | 10.0 | 7.5 | 0.8 | 23.0 | 20.5 | 13.5 | 12.5 | 0.8 | 20.5 | 20.5 | 11.5 | 7.5 | 0.8 |
| 434 (0.43) | 15.5 | 13.5 | 8.5 | 7.5 | 0.8 | 18.0 | 16.0 | 9.5 | 10.0 | 0.8 | 18.5 | 17.0 | 10.5 | 7.5 | 0.8 | 23.0 | 21.0 | 14.0 | 12.5 | 0.8 | 20.5 | 21.0 | 12.0 | 7.5 | 0.8 |
| 474 (0.47) | 15.5 | 14.0 | 7.0 | 7.5 | 0.8 | 23.0 | 15.0 | 8.0 | 12.5 | 0.8 | 18.5 | 17.5 | 9.5 | 7.5 | 0.8 | 23.0 | 21.5 | 14.5 | 12.5 | 0.8 | 20.5 | 21.5 | 12.5 | 7.5 | 0.8 |
| 514 (0.51) | 15.5 | 14.5 | 7.5 | 7.5 | 0.8 | 23.0 | 15.0 | 8.5 | 12.5 | 0.8 | 20.5 | 17.0 | 10.0 | 7.5 | 0.8 | 23.0 | 19.5 | 12.5 | 12.5 | 0.8 | 25.5 | 20.5 | 12.0 | 17.5 | 0.8 |
| 564 (0.56) | 15.5 | 14.5 | 7.5 | 7.5 | 0.8 | 23.0 | 15.5 | 8.5 | 12.5 | 0.8 | 20.5 | 17.5 | 10.5 | 7.5 | 0.8 | 23.0 | 20.0 | 13.0 | 12.5 | 0.8 | 25.5 | 21.0 | 13.0 | 17.5 | 0.8 |
| 624 (0.62) | 15.5 | 15.0 | 8.0 | 7.5 | 0.8 | 23.0 | 16.0 | 9.0 | 12.5 | 0.8 | 20.5 | 18.0 | 11.0 | 7.5 | 0.8 | 23.0 | 21.0 | 14.0 | 12.5 | 0.8 | 25.5 | 22.0 | 13.5 | 17.5 | 0.8 |
| 684 (0.68) | 15.5 | 15.5 | 8.5 | 7.5 | 0.8 | 23.0 | 16.5 | 9.5 | 12.5 | 0.8 | 20.5 | 18.5 | 12.0 | 7.5 | 0.8 | 23.0 | 21.5 | 14.5 | 12.5 | 0.8 | 25.5 | 22.5 | 14.0 | 17.5 | 0.8 |
| 754 (0.75) | 15.5 | 16.0 | 9.0 | 7.5 | 0.8 | 23.0 | 16.5 | 10.0 | 12.5 | 0.8 | 20.5 | | | | | | | | | | | | | | |

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Film Capacitors](#) category:

Click to view products by [SHINYEI](#) manufacturer:

Other Similar products are found below :

[F339X134748MIP2T0](#) [F450KG153J250ALH0J](#) [750-1018](#) [FKP1-1500160010P15](#) [FKP1R031007D00JYSD](#) [FKP1R031507E00JYSD](#)
[FKP1U024707E00KYSD](#) [82DC4100CK60J](#) [82EC1100DQ50K](#) [PFR5101J100J11L16.5TA18](#) [PME261JB5220KR19T0](#) [A451GK223M040A](#)
[A561ED221M450A](#) [QXJ2E474KTPT](#) [QXL2B333KTPT](#) [R49AN347000A1K](#) [EEC2G505HQA406](#) [B25668A6676A375](#) [B25673A4282E140](#)
[BFC233868148](#) [BFC2370GC222](#) [C3B2AD44400B20K](#) [C4ASWBU3220A3EK](#) [CB027C0473J--](#) [CB177I0184J--](#) [CB182K0184J--](#) [23PW210](#)
[950CQW5H-F](#) [SBDC3470AA10J](#) [SCD105K122A3-22](#) [2N3155](#) [A571EH331M450A](#) [FKP1-2202KV5P15](#) [FKS3-680040010P10](#)
[QXL2E473KTPT](#) [445450-1](#) [B25669A3996J375](#) [46KI322000M1M](#) [46KR415050M1K](#) [4BSNBX4100ZBFJ](#) [MKP383510063JKP2T0](#)
[MKPY2-.02230020P15](#) [MKT 1813-368-015](#) [4055292001](#) [46KN410000N1K](#) [EEC2E106HQA405](#) [EEC2G205HQA402](#) [EEC2G805HQA415](#)
[P409CP224M250AH470](#) [82EC2150DQ50K](#)