

特徴 / Features

- 小型軽量化しております。
- 各種スイッチング電源用。
- 照明インバーター用
- ★ It is smaller and lighter.
- ★ Various SMPS
- ★ Lighting inverters

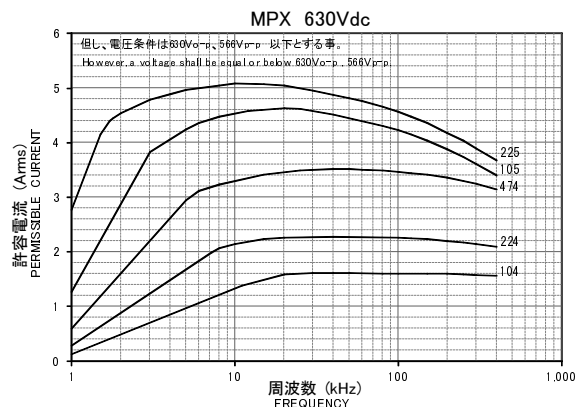
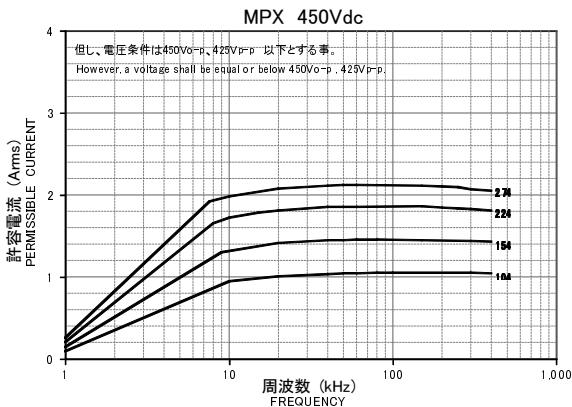
規格 / Specifications

| | |
|-------------------------------|---|
| 使用温度範囲 Temp. range | -40~85°C (+105°C)※1 |
| 定格電圧 Rated voltage | 450V, 630Vdc |
| 静電容量範囲 Capacitance | 450Vdc 0.10~0.27μF (E-12) 630Vdc 0.10~2.2μF (E-12) |
| 静電容量許容差 Cap. tolerance | ±5%(J), ±10%(K) |
| 誘電正接 Tangent of loss angle | 0.001 $\frac{\text{ppm}}{\text{V}}$ (at 1kHz) |
| 耐電圧 Voltage Proof | WV×150% 60sec or WV×175% 1~5 sec |
| 絶縁抵抗 Insulation resistance | C ≤ 0.33μF 30,000MΩ $\frac{\text{ppm}}{\text{more}}$ C > 0.33μF 7,500Ω F $\frac{\text{ppm}}{\text{more}}$ (100Vdc/1 min) |
| 高温負荷 Endurance | 85°C 450Vdc WV×111%(500Vdc) 1000hr印加 630Vdc WV×125%(788Vdc) 1000hr印加 ΔC/C ±10% $\frac{\text{ppm}}{\text{in}}$ tanδ 0.003 $\frac{\text{ppm}}{\text{V}}$ C ≤ 0.33μF 3,500MΩ $\frac{\text{ppm}}{\text{more}}$ C > 0.33μF 1,000Ω F $\frac{\text{ppm}}{\text{more}}$ |
| 耐湿負荷 Damp heat | 40°C 95%RH WV 500hr印加 ΔC/C ±10% $\frac{\text{ppm}}{\text{in}}$ tanδ 0.003 $\frac{\text{ppm}}{\text{V}}$ C ≤ 0.33μF 3,500MΩ $\frac{\text{ppm}}{\text{more}}$ C > 0.33μF 1,000Ω F $\frac{\text{ppm}}{\text{more}}$ |

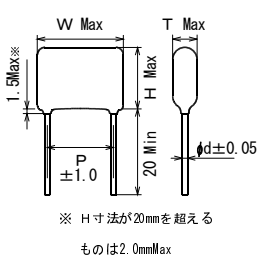
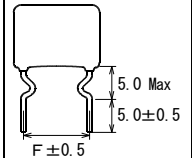
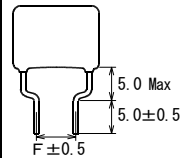
※1 () 温度は電圧軽減による使用可能範囲です。

※1 () Marked temperature shows operatable when voltage is derated.

周波数に対する許容電流特性 / Characteristics of permissible current to frequency



寸法 / Dimensions (mm)

| 形状 Style | ストレートリード Straight lead type | | フォーミング Forming lead type | |
|---------------------|--|---------|---|---|
| |  <p>※ H寸法が20mmを超えるものは2.0mmMax</p> | |  |  |
| Cap 範囲 Cap range | 450Vdc | 104~274 | F= 5.0 | 104~274 |
| | 630Vdc | 104~225 | F= 7.5 | 104~274 |
| | | | F=10.0 | 104~274 |
| | | | F= 5.0 | 104~105 |
| | | | F= 7.5 | 104~105 |
| | | | F=10.0 | 104~105 |
| | | | F=15.0 | 104~105 |
| | | | F=17.5 | 125~225 |
| | | | F=22.5 | 125~225 |

| Cap CODE | Cap (μF) | MPX 450Vdc | | | | | | | | | | 基準収納数 NUMBER OF PIECES FOR PACKING UNIT | | | | |
|----------|----------|------------|------|-----|------|--------------|-----|--------|-----|-------|--------|---|-------|--|--|--|
| | | W | H | T | P | F | φ d | テーピング | ロング | | フォーミング | | | | | |
| | | | | | | | | Taping | Bag | Box | Bag | Box | | | | |
| 104 | 0.10 | 13.0 | 8.3 | 5.0 | 10.0 | 5.0/7.5/10.0 | 0.6 | Ammo | 500 | 100 | 1,000 | 100 | 1,000 | | | |
| 124 | 0.12 | 13.0 | 8.5 | 5.3 | 10.0 | 5.0/7.5/10.0 | 0.6 | 500 | 100 | 1,000 | 100 | 1,000 | | | | |
| 154 | 0.15 | 13.0 | 9.0 | 5.6 | 10.0 | 5.0/7.5/10.0 | 0.6 | 500 | 100 | 1,000 | 100 | 1,000 | | | | |
| 184 | 0.18 | 13.0 | 9.5 | 6.0 | 10.0 | 5.0/7.5/10.0 | 0.6 | 400 | 100 | 1,000 | 100 | 1,000 | | | | |
| 224 | 0.22 | 13.0 | 9.9 | 6.4 | 10.0 | 5.0/7.5/10.0 | 0.6 | 400 | 100 | 1,000 | 100 | 1,000 | | | | |
| 274 | 0.27 | 13.0 | 10.4 | 6.9 | 10.0 | 5.0/7.5/10.0 | 0.6 | 400 | 100 | 500 | 100 | 500 | | | | |

| Cap CODE | Cap (μF) | MPX 630Vdc | | | | | | | | | | 基準収納数 NUMBER OF PIECES FOR PACKING UNIT | | | | |
|----------|----------|------------|------|------|------|-------------------|-----|--------|-----|-----|--------|---|-----|--|--|--|
| | | W | H | T | P | F | φ d | テーピング | ロング | | フォーミング | | | | | |
| | | | | | | | | Taping | Bag | Box | Bag | Box | | | | |
| 104 | 0.10 | 18.3 | 9.0 | 5.8 | 15.0 | 5.0/7.5/10.0/15.0 | 0.6 | Ammo | 500 | 100 | 500 | 100 | 500 | | | |
| 124 | 0.12 | 18.3 | 9.3 | 6.1 | 15.0 | 5.0/7.5/10.0/15.0 | 0.6 | 500 | 100 | 500 | 100 | 500 | | | | |
| 154 | 0.15 | 18.3 | 9.9 | 6.8 | 15.0 | 5.0/7.5/10.0/15.0 | 0.6 | 400 | 100 | 500 | 100 | 500 | | | | |
| 184 | 0.18 | 18.3 | 10.6 | 7.4 | 15.0 | 5.0/7.5/10.0/15.0 | 0.6 | 400 | 100 | 500 | 100 | 500 | | | | |
| 224 | 0.22 | 18.3 | 11.6 | 7.6 | 15.0 | 5.0/7.5/10.0/15.0 | 0.6 | 400 | 100 | 500 | 100 | 500 | | | | |
| 274 | 0.27 | 18.3 | 12.1 | 8.1 | 15.0 | 5.0/7.5/10.0/15.0 | 0.6 | 300 | 100 | 500 | 100 | 500 | | | | |
| 334 | 0.33 | 18.3 | 12.7 | 8.8 | 15.0 | 5.0/7.5/10.0/15.0 | 0.8 | 300 | 100 | 500 | 100 | 500 | | | | |
| 394 | 0.39 | 18.3 | 13.4 | 9.3 | 15.0 | 5.0/7.5/10.0/15.0 | 0.8 | 300 | 100 | 500 | 100 | 500 | | | | |
| 474 | 0.47 | 18.3 | 14.7 | 9.8 | 15.0 | 5.0/7.5/10.0/15.0 | 0.8 | 300 | 50 | 300 | 50 | 300 | | | | |
| 564 | 0.56 | 18.3 | 15.5 | 10.8 | 15.0 | 5.0/7.5/10.0/15.0 | 0.8 | 200 | 50 | 300 | 50 | 300 | | | | |
| 684 | 0.68 | 18.3 | 16.7 | 11.7 | 15.0 | 5.0/7.5/10.0/15.0 | 0.8 | | 50 | 200 | 50 | 200 | | | | |
| 824 | 0.82 | 18.3 | 17.7 | 12.6 | 15.0 | 5.0/7.5/10.0/15.0 | 0.8 | | 50 | 200 | 50 | 200 | | | | |
| 105 | 1.0 | 18.3 | 19.8 | 13.1 | 15.0 | 5.0/7.5/10.0/15.0 | 0.8 | | 20 | 100 | 20 | 100 | | | | |
| 125 | 1.2 | 25.5 | 18.0 | 11.5 | 22.5 | 17.5/22.5 | 0.8 | | 20 | 100 | 20 | 100 | | | | |
| 155 | 1.5 | 25.5 | 19.3 | 12.8 | 22.5 | 17.5/22.5 | 0.8 | | 20 | 100 | 20 | 100 | | | | |
| 185 | 1.8 | 25.5 | 20.7 | 14.0 | 22.5 | 17.5/22.5 | 0.8 | | 20 | 100 | 20 | 100 | | | | |
| 225 | 2.2 | 25.5 | 22.0 | 15.5 | 22.5 | 17.5/22.5 | 0.8 | | 20 | 100 | 20 | 100 | | | | |