

MPB series

標準品 Standard

- ・インバータなどの高周波・大電流回路に最適です。
For applications where high frequency and high current are required. Standard (TV, display monitor, power supply, lighting Inverter, etc)
- ・外装に難燃性(UL94 V-0)のエポキシ樹脂を使用していますので、安全性に優れています。
Coated with flame-retardant (UL94 V-0) epoxy resin.



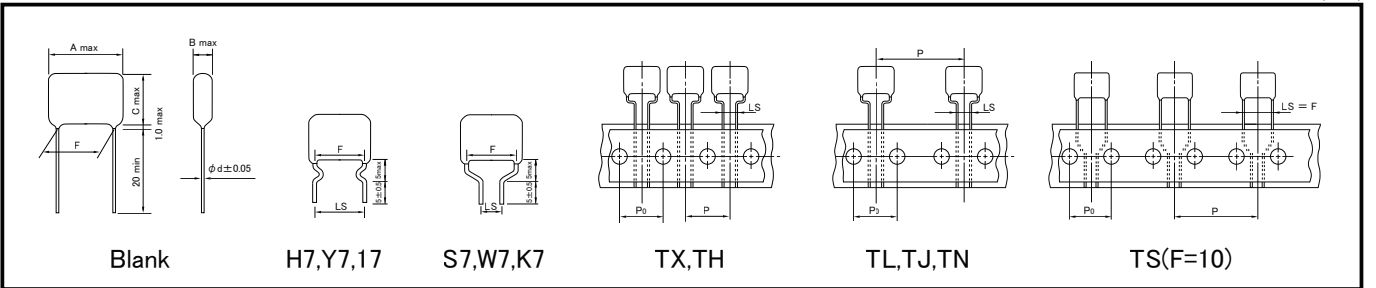
◆規格表/SPECIFICATION

| 項目 Item | 特性 Characteristics |
|--|---|
| カテゴリ温度範囲 Category Temperature Range | -40~+105°C |
| 定格電圧範囲 Rated Voltage Range(U _R) | 250Vdc, 450Vdc, 630Vdc |
| 静電容量許容差 Capacitance Tolerance | ±5%(J) |
| 誘電正接 tan δ | 0.001max at 1kHz |
| 耐電圧 Voltage Proof | U _R × 150% 60s |
| 絶縁抵抗 Insulation Resistance | C ≤ 0.33 μF: 25000M Ω min C > 0.33 μF: 7500 Ω Fmin |
| 準拠規格 Reference Standard | JIS C 5101-16, JIS C 5101-1 |

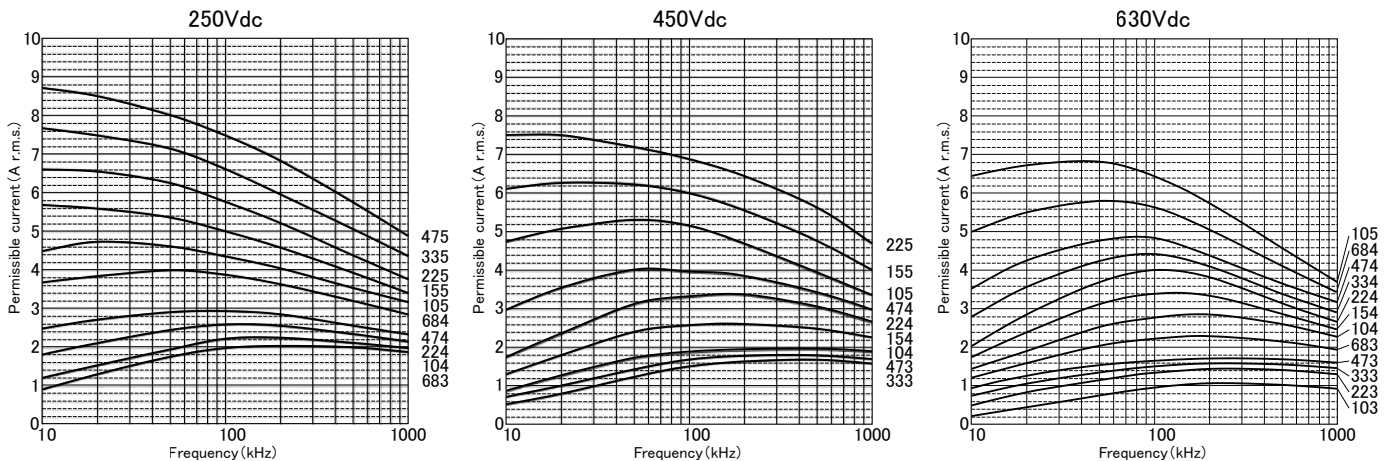
◆呼称方法/PART NUMBER



◆寸法図/DIMENSIONS



◆周波数に対する許容電流/PERMISSIBLE CURRENT FOR FREQUENCY



◆標準品一覧表 / STANDARD SIZE

** : リード加工記号 / Lead Forming

| 定格電圧 Rated Voltage (Vdc) | 静電容量 Capacitance (μ F) | 寸法 Dimensions (mm) | | | | | | 標準梱包数 / Typical Packaging Quantity (pcs) | | | | | | | 品番 Part No |
|--------------------------------|-----------------------------------|--|------|------|-------------|-------------------|-----|--|--------|--|--------|--------|-----|--------------|---------------|
| | | A | B | C | F \pm 1.0 | LS \pm 0.5 | d | ロングリード品 Long Lead type | | テーピング(つづら)品 - 形状別 Taping Ammo Pack Type - Style | | | | | |
| | | | | | | | | Bag | Carton | TC | TX, TH | TL, TJ | TN | TS | |
| 250 | 0.01~0.027 | この範囲はMPBシリーズ(630Vdc)をご使用ください The item of this range, please select out of MPB(630Vdc) series. | | | | | | | | | | | | | |
| | 0.033~0.056 | この範囲はMPBシリーズ(450Vdc)をご使用ください The item of this range, please select out of MPB(450Vdc) series. | | | | | | | | | | | | | |
| | 0.068 | 13.0 | 6.5 | 11.0 | 10.0 | 5.0/7.5/10.0 | 0.6 | 200 | 4000 | - | 500 | 400 | - | 400 | 250MPB683J** |
| | 0.082 | 13.0 | 6.5 | 11.5 | 10.0 | 5.0/7.5/10.0 | 0.6 | 200 | 3000 | - | 500 | 400 | - | 400 | 250MPB823J** |
| | 0.1 | 13.0 | 6.5 | 11.0 | 10.0 | 5.0/7.5/10.0 | 0.6 | 200 | 4000 | - | 500 | 400 | - | 400 | 250MPB104J** |
| | 0.12 | 13.0 | 6.5 | 11.5 | 10.0 | 5.0/7.5/10.0 | 0.6 | 200 | 3000 | - | 500 | 400 | - | 400 | 250MPB124J** |
| | 0.15 | 13.0 | 7.0 | 12.0 | 10.0 | 5.0/7.5/10.0 | 0.6 | 100 | 3000 | - | 500 | 400 | - | 400 | 250MPB154J** |
| | 0.18 | 13.0 | 6.0 | 11.5 | 10.0 | 5.0/7.5/10.0 | 0.6 | 200 | 3000 | - | 500 | 400 | - | 400 | 250MPB184J** |
| | 0.22 | 13.0 | 6.5 | 13.0 | 10.0 | 5.0/7.5/10.0 | 0.6 | 100 | 3000 | - | 500 | 400 | - | 400 | 250MPB224J** |
| | 0.27 | 13.0 | 6.5 | 13.5 | 10.0 | 5.0/7.5/10.0 | 0.6 | 100 | 3000 | - | 500 | 400 | - | 400 | 250MPB274J** |
| | 0.33 | 13.0 | 8.0 | 14.0 | 10.0 | 5.0/7.5/10.0 | 0.6 | 100 | 2000 | - | 500 | 400 | - | 400 | 250MPB334J** |
| | 0.39 | 18.0 | 6.0 | 14.0 | 15.0 | 5.0/7.5/10.0/15.0 | 0.6 | 100 | 2000 | - | - | 400 | 400 | - | 250MPB394J** |
| | 0.47 | 18.0 | 6.0 | 14.5 | 15.0 | 5.0/7.5/10.0/15.0 | 0.6 | 100 | 2000 | - | - | 400 | 400 | - | 250MPB474J** |
| | 0.56 | 18.0 | 7.0 | 15.0 | 15.0 | 5.0/7.5/10.0/15.0 | 0.6 | 100 | 2000 | - | - | 400 | 400 | - | 250MPB564J** |
| | 0.68 | 18.0 | 7.5 | 16.0 | 15.0 | 5.0/7.5/10.0/15.0 | 0.8 | 100 | 1500 | - | - | 400 | 400 | - | 250MPB684J** |
| | 0.82 | 18.0 | 8.0 | 16.5 | 15.0 | 5.0/7.5/10.0/15.0 | 0.8 | 100 | 1500 | - | - | 400 | 300 | - | 250MPB824J** |
| | 1 | 18.0 | 9.0 | 17.5 | 15.0 | 5.0/7.5/10.0/15.0 | 0.8 | 100 | 1000 | - | - | 400 | 300 | - | 250MPB105J** |
| | 1.2 | 18.0 | 10.0 | 18.0 | 15.0 | 5.0/7.5/10.0/15.0 | 0.8 | 100 | 1000 | - | - | 400 | 300 | - | 250MPB125J** |
| | 1.5 | 23.0 | 8.5 | 18.5 | 20.0 | 20.0 | 0.8 | 200 | 1000 | - | - | - | - | - | 250MPB155J** |
| | 1.8 | 23.0 | 9.5 | 19.5 | 20.0 | 20.0 | 0.8 | 200 | 800 | - | - | - | - | - | 250MPB185J** |
| 2.2 | 23.0 | 10.5 | 20.5 | 20.0 | 20.0 | 0.8 | 200 | 800 | - | - | - | - | - | 250MPB225J** | |
| 2.7 | 23.0 | 12.0 | 22.0 | 20.0 | 20.0 | 0.8 | 100 | 500 | - | - | - | - | - | 250MPB275J** | |
| 3.3 | 23.0 | 13.0 | 23.5 | 20.0 | 20.0 | 1.0 | 100 | 500 | - | - | - | - | - | 250MPB335J** | |
| 3.9 | 23.0 | 14.5 | 24.5 | 20.0 | 20.0 | 1.0 | 100 | 500 | - | - | - | - | - | 250MPB395J** | |
| 4.7 | 23.5 | 16.0 | 26.0 | 20.0 | 20.0 | 1.0 | 100 | 400 | - | - | - | - | - | 250MPB475J** | |
| 450 | 0.01~0.027 | この範囲はMPBシリーズ(630Vdc)をご使用ください The item of this range, please select out of MPB(630Vdc) series. | | | | | | | | | | | | | |
| | 0.033 | 13.0 | 5.5 | 10.5 | 10.0 | 5.0/7.5/10.0 | 0.6 | 200 | 4000 | - | 500 | 400 | - | 400 | 450MPB333J** |
| | 0.039 | 13.0 | 5.5 | 11.0 | 10.0 | 5.0/7.5/10.0 | 0.6 | 200 | 4000 | - | 500 | 400 | - | 400 | 450MPB393J** |
| | 0.047 | 13.0 | 6.0 | 11.5 | 10.0 | 5.0/7.5/10.0 | 0.6 | 200 | 3000 | - | 500 | 400 | - | 400 | 450MPB473J** |
| | 0.056 | 13.0 | 6.5 | 12.0 | 10.0 | 5.0/7.5/10.0 | 0.6 | 100 | 3000 | - | 500 | 400 | - | 400 | 450MPB563J** |
| | 0.068 | 13.5 | 7.5 | 13.0 | 10.0 | 5.0/7.5/10.0 | 0.6 | 100 | 3000 | - | 500 | 400 | - | 400 | 450MPB683J** |
| | 0.082 | 13.5 | 7.5 | 13.0 | 10.0 | 5.0/7.5/10.0 | 0.6 | 100 | 2000 | - | 500 | 400 | - | 400 | 450MPB823J** |
| | 0.1 | 18.0 | 6.5 | 10.0 | 15.0 | 5.0/7.5/10.0/15.0 | 0.8 | 100 | 2000 | - | - | 500 | 400 | - | 450MPB104J** |
| | 0.12 | 18.0 | 7.0 | 10.5 | 15.0 | 5.0/7.5/10.0/15.0 | 0.8 | 100 | 2000 | - | - | 500 | 400 | - | 450MPB124J** |
| | 0.15 | 18.0 | 7.0 | 12.0 | 15.0 | 5.0/7.5/10.0/15.0 | 0.8 | 100 | 2000 | - | - | 500 | 400 | - | 450MPB154J** |
| | 0.18 | 18.0 | 7.0 | 13.5 | 15.0 | 5.0/7.5/10.0/15.0 | 0.8 | 100 | 2000 | - | - | 500 | 400 | - | 450MPB184J** |
| | 0.22 | 18.0 | 7.5 | 14.0 | 15.0 | 5.0/7.5/10.0/15.0 | 0.8 | 100 | 1000 | - | - | 400 | 400 | - | 450MPB224J** |
| | 0.27 | 18.0 | 8.5 | 14.5 | 15.0 | 5.0/7.5/10.0/15.0 | 0.8 | 100 | 1000 | - | - | 400 | 300 | - | 450MPB274J** |
| | 0.33 | 18.0 | 8.5 | 16.5 | 15.0 | 5.0/7.5/10.0/15.0 | 0.8 | 100 | 1000 | - | - | 400 | 300 | - | 450MPB334J** |
| | 0.39 | 18.0 | 9.0 | 17.0 | 15.0 | 5.0/7.5/10.0/15.0 | 0.8 | 100 | 1000 | - | - | 400 | 300 | - | 450MPB394J** |
| | 0.47 | 18.0 | 9.5 | 18.0 | 15.0 | 5.0/7.5/10.0/15.0 | 0.8 | 200 | 1000 | - | - | 300 | 300 | - | 450MPB474J** |
| | 0.56 | 23.0 | 9.0 | 17.0 | 20.0 | 20.0 | 0.8 | 200 | 1000 | - | - | - | - | - | 450MPB564J** |
| | 0.68 | 23.0 | 9.5 | 19.5 | 20.0 | 20.0 | 0.8 | 200 | 800 | - | - | - | - | - | 450MPB684J** |
| | 0.82 | 23.0 | 10.5 | 20.0 | 20.0 | 20.0 | 0.8 | 200 | 800 | - | - | - | - | - | 450MPB824J** |
| | 1 | 23.0 | 11.0 | 21.0 | 20.0 | 20.0 | 0.8 | 100 | 500 | - | - | - | - | - | 450MPB105J** |
| 1.2 | 23.0 | 12.5 | 22.5 | 20.0 | 20.0 | 1.0 | 100 | 500 | - | - | - | - | - | 450MPB125J** | |
| 1.5 | 23.0 | 13.0 | 24.0 | 20.0 | 20.0 | 1.0 | 100 | 500 | - | - | - | - | - | 450MPB155J** | |
| 1.8 | 23.0 | 15.5 | 25.5 | 20.0 | 20.0 | 1.0 | 100 | 500 | - | - | - | - | - | 450MPB185J** | |
| 2.2 | 23.0 | 16.5 | 27.0 | 20.0 | 20.0 | 1.0 | 100 | 400 | - | - | - | - | - | 450MPB225J** | |
| 630 | 0.01 | 13.0 | 6.0 | 9.5 | 10.0 | 5.0/7.5/10.0 | 0.6 | 200 | 4000 | - | 1000 | 500 | - | 500 | 630MPB103J** |
| | 0.012 | 13.0 | 6.5 | 10.0 | 10.0 | 5.0/7.5/10.0 | 0.6 | 200 | 4000 | - | 500 | 500 | - | 500 | 630MPB123J** |
| | 0.015 | 13.0 | 7.0 | 10.5 | 10.0 | 5.0/7.5/10.0 | 0.6 | 200 | 3000 | - | 500 | 500 | - | 500 | 630MPB153J** |
| | 0.018 | 13.0 | 7.5 | 11.0 | 10.0 | 5.0/7.5/10.0 | 0.6 | 200 | 3000 | - | 500 | 500 | - | 500 | 630MPB183J** |
| | 0.022 | 13.0 | 6.5 | 10.0 | 10.0 | 5.0/7.5/10.0 | 0.6 | 200 | 4000 | - | 500 | 500 | - | 500 | 630MPB223J** |
| | 0.027 | 13.0 | 6.5 | 11.0 | 10.0 | 5.0/7.5/10.0 | 0.6 | 200 | 3000 | - | 500 | 500 | - | 500 | 630MPB273J** |
| | 0.033 | 13.0 | 7.0 | 11.5 | 10.0 | 5.0/7.5/10.0 | 0.8 | 100 | 3000 | - | 500 | 500 | - | 500 | 630MPB333J** |
| | 0.039 | 13.0 | 7.5 | 12.5 | 10.0 | 5.0/7.5/10.0 | 0.8 | 100 | 2000 | - | 500 | 400 | - | 400 | 630MPB393J** |
| | 0.047 | 18.0 | 6.5 | 11.5 | 15.0 | 5.0/7.5/10.0/15.0 | 0.8 | 100 | 2000 | - | - | 500 | 400 | - | 630MPB473J** |
| | 0.056 | 18.0 | 7.0 | 11.5 | 15.0 | 5.0/7.5/10.0/15.0 | 0.8 | 100 | 2000 | - | - | 500 | 400 | - | 630MPB563J** |
| | 0.068 | 18.0 | 7.5 | 12.0 | 15.0 | 5.0/7.5/10.0/15.0 | 0.8 | 100 | 2000 | - | - | 400 | 400 | - | 630MPB683J** |
| | 0.082 | 18.0 | 8.0 | 12.5 | 15.0 | 5.0/7.5/10.0/15.0 | 0.8 | 100 | 2000 | - | - | 400 | 300 | - | 630MPB823J** |
| | 0.1 | 18.0 | 8.5 | 13.5 | 15.0 | 5.0/7.5/10.0/15.0 | 0.8 | 100 | 1000 | - | - | 400 | 300 | - | 630MPB104J** |
| | 0.12 | 18.0 | 9.0 | 14.0 | 15.0 | 5.0/7.5/10.0/15.0 | 0.8 | 100 | 1000 | - | - | 400 | 300 | - | 630MPB124J** |
| | 0.15 | 18.0 | 9.5 | 15.0 | 15.0 | 5.0/7.5/10.0/15.0 | 0.8 | 100 | 1000 | - | - | 300 | 300 | - | 630MPB154J** |
| | 0.18 | 18.0 | 10.0 | 16.5 | 15.0 | 5.0/7.5/10.0/15.0 | 0.8 | 100 | 1000 | - | - | 300 | 300 | - | 630MPB184J** |
| | 0.22 | 18.0 | 11.0 | 17.5 | 15.0 | 5.0/7.5/10.0/15.0 | 0.8 | 200 | 1000 | - | - | 300 | 200 | - | 630MPB224J** |
| | 0.27 | 23.0 | 10.5 | 16.5 | 20.0 | 20.0 | 0.8 | 200 | 800 | - | - | - | - | - | 630MPB274J** |
| | 0.33 | 23.0 | 10.5 | 18.5 | 20.0 | 20.0 | 0.8 | 200 | 800 | - | - | - | - | - | 630MPB334J** |
| | 0.39 | 23.0 | 11.5 | 19.5 | 20.0 | 20.0 | 0.8 | 200 | 800 | - | - | - | - | - | 630MPB394J** |
| 0.47 | 23.0 | 12.0 | 21.5 | 20.0 | 20.0 | 0.8 | 100 | 500 | - | - | - | - | - | 630MPB474J** | |
| 0.56 | 23.0 | 13.0 | 22.5 | 20.0 | 20.0 | 1.0 | 100 | 500 | - | - | - | - | - | 630MPB564J** | |
| 0.68 | 23.0 | 14.5 | 24.5 | 20.0 | 20.0 | 1.0 | 100 | 500 | - | - | - | - | - | 630MPB684J** | |
| 0.82 | 23.0 | 16.0 | 26.0 | 20.0 | 20.0 | 1.0 | 100 | 500 | - | - | - | - | - | 630MPB824J** | |
| 1 | 23.0 | 17.5 | 28.0 | 20.0 | 20.0 | 1.0 | 100 | 500 | - | - | - | - | - | 630MPB105J** | |