

MPB series

標準品 Standard

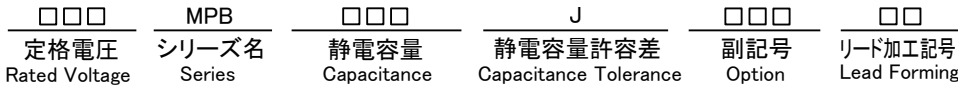
- インバータなどの高周波・大電流回路に最適です。  
For applications where high frequency and high current are required. Standard (TV, display monitor, power supply, lighting Inverter, etc)
- 外装に難燃性(UL94 V-0)のエポキシ樹脂を使用していますので、安全性に優れています。  
Coated with flame-retardant (UL94 V-0) epoxy resin.



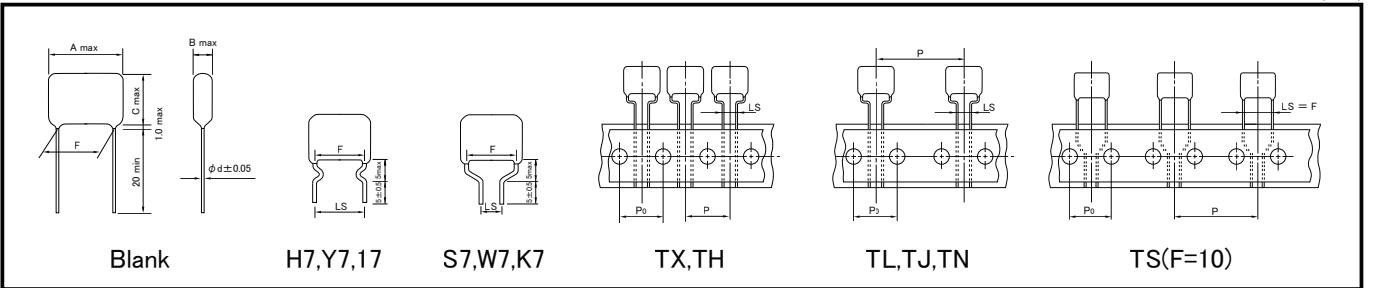
◆規格表 / SPECIFICATION

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

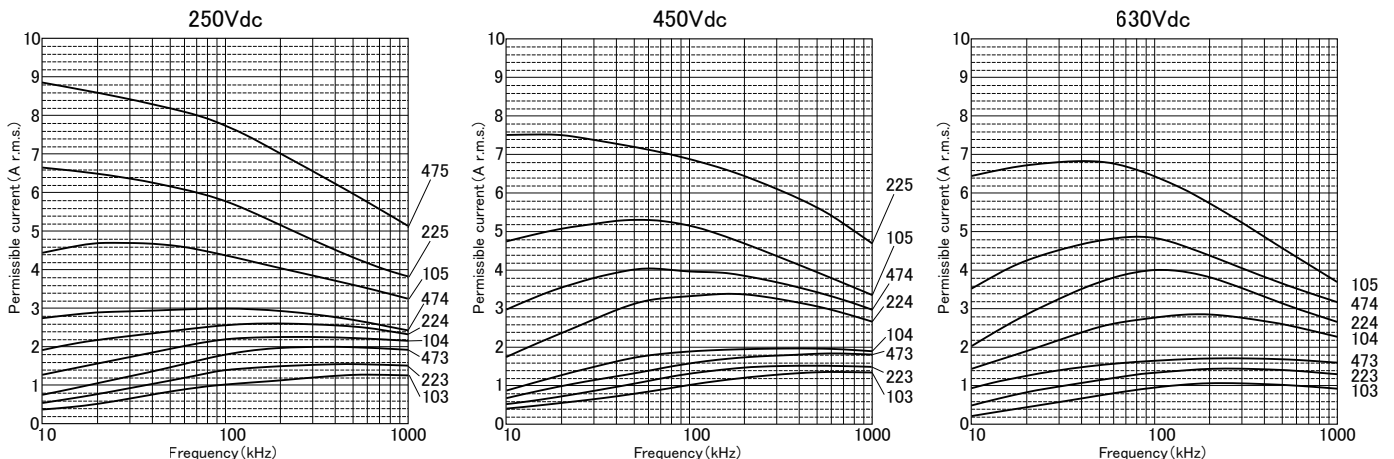
◆呼称方法 / PART NUMBER



◆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<br>Rated Voltage<br>(Vdc) | 静電容量<br>Capacitance<br>( $\mu F$ ) | 寸法<br>Dimensions (mm) |      |      |             |                   |              |                           | 標準梱包数 / Typical Packaging Quantity (pcs) |                                                    |        |        |     |              |              | 品番<br>Part No |
|--------------------------------|------------------------------------|-----------------------|------|------|-------------|-------------------|--------------|---------------------------|------------------------------------------|----------------------------------------------------|--------|--------|-----|--------------|--------------|---------------|
|                                |                                    | A                     | B    | C    | F $\pm$ 1.0 | LS $\pm$ 0.5      | d            | ロングリード品<br>Long Lead type |                                          | テーピング(つづら)品 - 形状別<br>Taping Ammo Pack Type - Style |        |        |     |              |              |               |
|                                |                                    |                       |      |      |             |                   |              | Bag                       | Carton                                   | TC                                                 | TX, TH | TL, TJ | TN  | TS           |              |               |
| 250                            | 0.01                               | 13.0                  | 6.0  | 9.5  | 10.0        | 5.0/7.5/10.0      | 0.6          | 200                       | 4000                                     | -                                                  | 500    | 400    | -   | 400          | 250MPB103J** |               |
|                                | 0.012                              | 13.0                  | 7.0  | 10.0 | 10.0        | 5.0/7.5/10.0      | 0.6          | 200                       | 4000                                     | -                                                  | 500    | 400    | -   | 400          | 250MPB123J** |               |
|                                | 0.015                              | 13.0                  | 7.0  | 10.5 | 10.0        | 5.0/7.5/10.0      | 0.6          | 200                       | 3000                                     | -                                                  | 500    | 400    | -   | 400          | 250MPB153J** |               |
|                                | 0.018                              | 13.0                  | 7.5  | 11.0 | 10.0        | 5.0/7.5/10.0      | 0.6          | 100                       | 3000                                     | -                                                  | 500    | 400    | -   | 400          | 250MPB183J** |               |
|                                | 0.022                              | 13.0                  | 8.5  | 11.5 | 10.0        | 5.0/7.5/10.0      | 0.6          | 100                       | 3000                                     | -                                                  | 500    | 400    | -   | 400          | 250MPB223J** |               |
|                                | 0.027                              | 13.0                  | 8.0  | 13.0 | 10.0        | 5.0/7.5/10.0      | 0.6          | 100                       | 2000                                     | -                                                  | 500    | 400    | -   | 400          | 250MPB273J** |               |
|                                | 0.033                              | 13.0                  | 5.5  | 10.5 | 10.0        | 5.0/7.5/10.0      | 0.6          | 200                       | 4000                                     | -                                                  | 500    | 400    | -   | 400          | 250MPB333J** |               |
|                                | 0.039                              | 13.0                  | 5.5  | 11.0 | 10.0        | 5.0/7.5/10.0      | 0.6          | 200                       | 4000                                     | -                                                  | 500    | 400    | -   | 400          | 250MPB393J** |               |
|                                | 0.047                              | 13.0                  | 6.0  | 11.5 | 10.0        | 5.0/7.5/10.0      | 0.6          | 200                       | 3000                                     | -                                                  | 500    | 400    | -   | 400          | 250MPB473J** |               |
|                                | 0.056                              | 13.0                  | 7.0  | 12.0 | 10.0        | 5.0/7.5/10.0      | 0.6          | 100                       | 3000                                     | -                                                  | 500    | 400    | -   | 400          | 250MPB563J** |               |
|                                | 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                               | 13.0                  | 6.0  | 9.5  | 10.0        | 5.0/7.5/10.0      | 0.6          | 200                       | 4000                                     | -                                                  | 500    | 400    | -   | 400          | 450MPB103J** |               |
|                                | 0.012                              | 13.0                  | 6.5  | 10.0 | 10.0        | 5.0/7.5/10.0      | 0.6          | 200                       | 4000                                     | -                                                  | 500    | 400    | -   | 400          | 450MPB123J** |               |
|                                | 0.015                              | 13.0                  | 7.0  | 10.5 | 10.0        | 5.0/7.5/10.0      | 0.6          | 200                       | 3000                                     | -                                                  | 500    | 400    | -   | 400          | 450MPB153J** |               |
|                                | 0.018                              | 13.0                  | 7.5  | 11.0 | 10.0        | 5.0/7.5/10.0      | 0.6          | 100                       | 3000                                     | -                                                  | 500    | 400    | -   | 400          | 450MPB183J** |               |
|                                | 0.022                              | 13.0                  | 8.0  | 11.5 | 10.0        | 5.0/7.5/10.0      | 0.6          | 100                       | 3000                                     | -                                                  | 500    | 400    | -   | 400          | 450MPB223J** |               |
|                                | 0.027                              | 13.0                  | 8.0  | 13.0 | 10.0        | 5.0/7.5/10.0      | 0.6          | 100                       | 2000                                     | -                                                  | 500    | 400    | -   | 400          | 450MPB273J** |               |
|                                | 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   |             |                   |              |                           |                                          |                                                    |        |        |     |              |              |               |