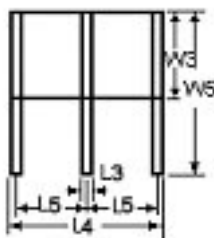


## ● 80BL Series

| Part No. | Nominal dc spark-over voltage | Gas Discharge Tube dc spark-over voltage | Impulse spark-over voltage at 1Kv/ $\mu$ s | Nominal impulse discharge current 8/20 $\mu$ s | Nominal impulse discharge current 10/1000 $\mu$ s | Nominal Alternating discharge current at 50Hz, 1s | Insulation resistance |                       | Capacitance at 1kHz |
|----------|-------------------------------|--|--|--|---|---|-----------------------|-----------------------|---------------------|
|          | $V_{sdc}$ (V)                 | $V_{sdc}$ (V)                            | $V_{si}$ (V)                               | $i_{di}$ (KA)                                  | $i_{di}$ (A)                                      | $i_{da}$ (A)                                      | V (V)                 | $R_{is}$ ( $\Omega$ ) | C (Pf)              |
| 80B75L   | 75                            | 60~90                                    | $\leq 700$                                 | 10   | 100   | 10  | 50                    | $\geq 10^9$           | $\leq 2$            |
| 80B90L   | 90                            | 72~108                                   | $\leq 700$                                 |  |   |   | 50                    |                       |                     |
| 80B150L  | 150                           | 120~180                                  | $\leq 700$                                 |  |   |   | 50                    |                       |                     |
| 80B230L  | 230                           | 184~276                                  | $\leq 800$                                 |  |   |   | 100                   |                       |                     |
| 80B250L  | 250                           | 200~300                                  | $\leq 800$                                 |  |   |   | 100                   |                       |                     |
| 80B300L  | 300                           | 240~360                                  | $\leq 900$                                 |  |   |   | 100                   |                       |                     |
| 80B350L  | 350                           | 280~420                                  | $\leq 900$                                 |  |   |   | 100                   |                       |                     |
| 80B400L  | 400                           | 320~480                                  | $\leq 1000$                                |  |   |   | 100                   |                       |                     |
| 80B420L  | 420                           | 336~504                                  | $\leq 1100$                                |  |   |   | 100                   |                       |                     |
| 80B470L  | 470                           | 376~564                                  | $\leq 1100$                                |  |   |   | 100                   |                       |                     |
| 80B600L  | 600                           | 480~720                                  | $\leq 1500$                                |  |   |   | 150                   |                       |                     |



80BXXXL Series

| Series | W3                 | W5             | L3                 | L4             | L5            |
|--------|--------------------|----------------|--------------------|----------------|---------------|
| 80BL   | $\phi 8.0 \pm 0.3$ | 14.6 $\pm$ 0.5 | $\phi 1.0 \pm 0.1$ | 10.0 $\pm$ 0.3 | 4.4 $\pm$ 0.2 |