

## CD Series (Low Loss Type)

### Features

Low dielectric loss, better DC bias characteristics.

### Application

Driver circuit for PDP, PBX, inverters.  
Replacement for film capacitors.

### X5R Dielectric

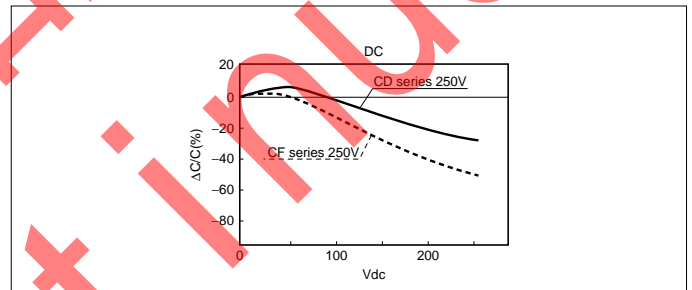
| Size (mm)           | CD316<br>(1206)<br>3.2±0.2<br>1.6±0.15 | CD32<br>(1210)<br>3.2±0.3<br>2.5±0.2 | CD43<br>(1812)<br>4.5±0.4<br>3.2±0.3 | CD55<br>(2220)<br>5.7±0.4 |
|---------------------|--|--------------------------------------|--------------------------------------|---------------------------|
| Rated Voltage (VDC) | 250                                    | 250                                  | 250                                  | 250                       |
| Capacitance (pF)    | 250                                    | 250                                  | 250                                  | 250                       |
| 47000               | N                                      | H                                    | H                                    | H                         |
| 68000               |  |                                      |                                      |                           |
| 100000              |  |                                      |                                      |                           |
| 154                 | O                                      | O                                    | K                                    | K                         |
| 150000              |  |                                      |                                      |                           |
| 220000              |  |                                      |                                      |                           |
| 330000              | J                                      | J                                    | J                                    | J                         |
| 470000              |  |                                      |                                      |                           |
| 680000              |  |                                      |                                      |                           |
| 105                 | K                                      | K                                    | K                                    | K                         |
| 1000000             |  |                                      |                                      |                           |
| 155                 |  |                                      |                                      |                           |
| 1500000             |  |                                      |                                      |                           |
| 2200000             |  |                                      |                                      |                           |
| 3300000             |  |                                      |                                      |                           |

- E3 Series Standard
- E6 Series Option

### Thickness and standard package quantity

| Size               | CD316     | CD32    |         |          | CD43, CD55 |            |
|--------------------|-----------|---------|---------|----------|------------|------------|
| Thickness (t) (mm) | N         | H       | O       | H        | J          | K          |
|                    | 1.8max    | 1.6max  | 2.2max  | 1.6max   | 2.0max     | 2.5max     |
| Taping(φ178 reel)  | 2.5kp(E8) | 2kp(E8) | 2kp(E8) | 1kp(E12) | 1kp(E12)   | 0.5kp(E12) |
| Taping(φ330 reel)  | 5kp(E8)   | 5kp(E8) | 5kp(E8) | —        | —          | —          |

### V-C Characteristics



停止生产  
Discontinued Product