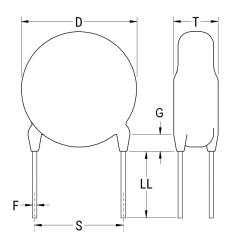


## **ERP610W330KDB0**

Aliases (C831DB330K760XV759, ERP610VH2330KDB0)

## Obsolete

ERP610 SFTY X1-760 Y1-500, Ceramic, 33 pF, 10%, 760 VAC (X1), 500 VAC (Y1), U2J, Lead Spacing = 10 mm





The measurement position of Lead Spacing (S) and Width (V) is critical in straight lead capacitors.

| General Information |   |
|---------------------|---|
| Series              | ERP610 SFTY X1-760 Y1-500                   |
| Style               | Radial Disc                                 |
| Description         | Ceramic Single Layer Safety Disc Capacitors |
| RoHS                | Yes   |
| Termination         | Tin   |
| Qualifications      | UL, CSA, CAN, ENEC, VDE                     |
| AEC-Q200            | No  |
| AEC-Q200            | No  |

| Specifications          | ,                          |
|-------------------------|----------------------------|
| Capacitance             | 33 pF                      |
| Capacitance Tolerance   | 10%                        |
| Voltage AC              | 760 VAC (X1), 500 VAC (Y1) |
| Temperature Range       | -40/+125°C                 |
| Temperature Coefficient | U2J                        |
| Dissipation Factor      | 5%                         |
| Insulation Resistance   | 10 GOhms                   |
| Safety Class            | X1/Y1                      |

Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| D          | 8mm MAX         |
| Т          | 6mm MAX         |
| S          | 10mm NOM        |
| LL         | 6mm -1mm        |
| F          | 0.8mm +/-0.05mm |
| G          | 3mm MAX         |
| V          | 1.9mm +/-0.5mm  |

| Packaging Specifications |           |  |
|--------------------------|-----------|--|
| Packaging                | Bulk, Bag |  |