



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

Click [here](#) for the 3D model.

### Dimensions

|    |                 |
|----|-----------------|
| D  | 8mm MAX         |
| T  | 6mm MAX         |
| S  | 12.5mm NOM      |
| LL | 30mm -3mm       |
| F  | 0.8mm +/-0.05mm |
| A  | 6mm +/-1.5mm    |
| V  | 2.3mm +/-0.5mm  |

### Packaging Specifications

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

### 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  |

### Specifications

|                         |                            |
|-------------------------|----------------------------|
| Capacitance             | 47 pF                      |
| Capacitance Tolerance   | 10%                        |
| Voltage AC              | 760 VAC (X1), 500 VAC (Y1) |
| Temperature Range       | -40/+125°C                 |
| Temperature Coefficient | Y5S                        |
| Dissipation Factor      | 2.5%                       |
| Insulation Resistance   | 10 GOhms                   |
| Safety Class            | X1/Y1                      |