

## ERK610Z102KYB0

Aliases (C810YB102K4400, ERK610RK4100KYB0)

Obsolete

ERK610 SFTY X1-440 Y2-300, Ceramic, 1,000 pF, 10%, 440 VAC (X1), 300 VAC (Y2), Y5U, 5 mm



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

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

### General Information

|                |                           |
|----------------|---------------------------|
| Series         | ERK610 SFTY X1-440 Y2-300 |
| Style          | Radial Disc               |
| RoHS           | Yes                       |
| Termination    | Tin                       |
| Lead           | V-Crimp                   |
| Qualifications | UL, CSA, CAN, ENEC, VDE   |
| AEC-Q200       | No                        |

### Specifications

|                       |                            |
|-----------------------|----------------------------|
| Capacitance           | 1,000 pF                   |
| Tolerance             | 10%                        |
| Voltage AC            | 440 VAC (X1), 300 VAC (Y2) |
| Temperature Range     | -40/+125°C                 |
| Temp. Coefficient     | Y5U                        |
| Dissipation Factor    | 2.5%                       |
| Insulation Resistance | 6 GOhms                    |
| Safety Class          | X1/Y2                      |

### Dimensions

|    |                 |
|----|-----------------|
| D  | 7mm MAX         |
| T  | 4.5mm MAX       |
| S  | 5mm NOM         |
| LL | 3mm +2mm        |
| F  | 0.8mm +/-0.05mm |
| V  | 1.6mm +/-0.5mm  |

### Packaging Specifications

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

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