

## ERK610Z152KCRE

Aliases (C811CR152K440K, ERK610RK4150KCRE)

Obsolete

ERK610 SFTY X1-440 Y2-300, Ceramic, 1500 pF, 10%, 440 VAC (X1), 300 VAC (Y2), Y5U, Lead Spacing = 7.5mm



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

### General Information

|                |   |
|----------------|---|
| Series         | ERK610 SFTY X1-440 Y2-300   |
| Style          | Radial Disc   |
| Description    | Ceramic Single Layer Safety Disc Capacitors   |
| RoHS           | Yes   |
| Termination    | Tin   |
| Qualifications | UL, CSA, CAN, ENEC, VDE   |
| AEC-Q200       | No  |
| Notes          | Please See Bulletin For Taping Information. H Dimension Refers to Seating Plane To Center Hole of Tape. |

### Specifications

|                         |                            |
|-------------------------|----------------------------|
| Capacitance             | 1500 pF                    |
| Capacitance Tolerance   | 10%                        |
| Voltage AC              | 440 VAC (X1), 300 VAC (Y2) |
| Temperature Range       | -40/+125°C                 |
| Temperature Coefficient | Y5U                        |
| Dissipation Factor      | 2.5%                       |
| Insulation Resistance   | 6 GOhms                    |
| Safety Class            | X1/Y2                      |

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

### Dimensions

|   |                   |
|---|-------------------|
| D | 8mm MAX           |
| H | 16.5mm +/-0.5mm   |
| T | 4.5mm MAX         |
| S | 7.5mm +0.8/-0.2mm |
| F | 0.6mm +/-0.05mm   |
| G | 3mm MAX           |
| V | 1.6mm +/-0.5mm    |

### Packaging Specifications

Packaging T&R, H = 16.5mm, Component Pitch = 12.7mm