

## ERK610Z331MTDO

Aliases (C811TD331M440X, ERK610RK3330MTDO)

Obsolete

ERK610 SFTY X1-440 Y2-300, Ceramic, 330 pF, 20%, 440 VAC (X1), 300 VAC (Y2), Y5T, Lead Spacing = 7.5mm



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                                 |
| Description         | Ceramic Single Layer Safety Disc Capacitors |
| RoHS                | Yes   |
| Termination         | Tin   |
| Qualifications      | UL, CSA, CAN, ENEC, VDE                     |
| AEC-Q200            | No  |

| Specifications          |                            |
|-------------------------|----------------------------|
| Capacitance             | 330 pF                     |
| Capacitance Tolerance   | 20%                        |
| Voltage AC              | 440 VAC (X1), 300 VAC (Y2) |
| Temperature Range       | -40/+125°C                 |
| Temperature Coefficient | Y5T                        |
| Dissipation Factor      | 2.5%                       |
| Insulation Resistance   | 6 GOhms                    |
| Safety Class            | X1/Y2                      |

| Dimensions |                 |
|------------|-----------------|
| D          | 8mm MAX         |
| T          | 6mm MAX         |
| S          | 7.5mm NOM       |
| LL         | 5mm +/-1mm      |
| F          | 0.8mm +/-0.05mm |
| A          | 6mm NOM         |
| V          | 1.9mm +/-0.5mm  |

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

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