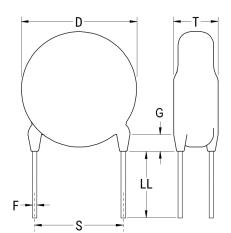


## **ERK610Z681KBF0**

Aliases (C812BF681K440A, ERK610RK3680KBF0)

## Obsolete

ERK610 SFTY X1-440 Y2-300, Ceramic, 680 pF, 10%, 440 VAC (X1), 300 VAC (Y2), Y5U, Lead Spacing = 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  |  |

| Specifications          |                            |
|-------------------------|----------------------------|
| Capacitance             | 680 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          | 9mm MAX         |
| Т          | 6mm MAX         |
| S          | 5mm NOM         |
| LL         | 30mm -3mm       |
| F          | 0.6mm +/-0.05mm |
| G          | 3mm MAX         |
| V          | 2mm +/-0.5mm    |

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