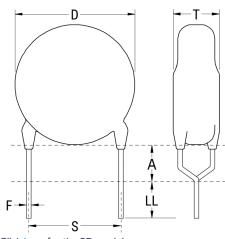


## ERK610Z680KYH0

Aliases (C811YH680K440X, ERK610RK2680KYH0)

Obsolete

ERK610 SFTY X1-440 Y2-300, Ceramic, 68 pF, 10%, 440 VAC (X1), 300 VAC (Y2), Y5S, Lead Spacing = 12.5mm





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

| General Information | 1   |
|---------------------|---|
| 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             | 68 pF                      |
| Capacitance Tolerance   | 10%                        |
| Voltage AC              | 440 VAC (X1), 300 VAC (Y2) |
| Temperature Range       | -40/+125°C                 |
| Temperature Coefficient | Y5S                        |
| Dissipation Factor      | 2.5%                       |
| Insulation Resistance   | 6 GOhms                    |
| Safety Class            | X1/Y2                      |
|                         |                            |

| Click | here | tor | the | 3D | model. |  |
|-------|------|-----|-----|----|--------|--|
|       |      |     |     |    |        |  |

| Dimensions |                 |  |
|------------|-----------------|--|
| D          | 8mm MAX         |  |
| Т          | 6mm MAX         |  |
| S          | 12.5mm NOM      |  |
| LL         | 3mm +2mm        |  |
| F          | 0.8mm +/-0.05mm |  |
| А          | 6mm MAX         |  |
| V          | 1.9mm +/-0.5mm  |  |

**Packaging Specifications** 

Packaging

Bulk, Bag

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