



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             | 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         |
| H          | 18mm +2mm       |
| T          | 6mm MAX         |
| S          | 10mm +/-0.8mm   |
| F          | 0.6mm +/-0.05mm |
| G          | 3mm MAX         |
| V          | 2mm +/-0.5mm    |

| Packaging Specifications |   |
|--------------------------|---|
| Packaging                | T&R, H = 18mm, Component Pitch = 25.4mm |