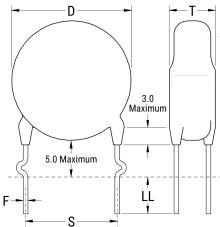


## **ERP610W680KTER**

Aliases (C831TE680K7600, ERP610VH2680KTER)

ERP610 SFTY X1-760 Y1-500, Ceramic, 68 pF, 10%, 760 VAC (X1), 500 VAC (Y1), Y5S, Lead Spacing = 12.5 mm





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

Click here for the 3D model.

| Dimensions |                 |  |
|------------|-----------------|--|
| D          | 8mm MAX         |  |
| Т          | 6mm MAX         |  |
| S          | 12.5mm +/-0.8mm |  |
| НО         | 16mm +/-0.5mm   |  |
| F          | 0.6mm +/-0.05mm |  |
| Α          | 6mm NOM         |  |
| V          | 2.3mm +/-0.5mm  |  |

| General Information |                                                                                                                |  |
|---------------------|----------------------------------------------------------------------------------------------------------------|--|
| Series              | ERP610 SFTY X1-760 Y1-500                                                                                      |  |
| 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. HO<br>Dimension Refers to Seating Plane To Center Hole<br>of Tape. |  |

| Specifications          |                            |  |  |
|-------------------------|----------------------------|--|--|
| Capacitance             | 68 pF                      |  |  |
| Capacitance Tolerance   | 10%                        |  |  |
| Voltage AC              | 760 VAC (X1), 500 VAC (Y1) |  |  |
| Temperature Range       | -40/+125°C                 |  |  |
| Temperature Coefficient | Y5S                        |  |  |
| Dissipation Factor      | 2.5%                       |  |  |
| Insulation Resistance   | 10 GOhms                   |  |  |
| Safety Class            | X1/Y1                      |  |  |
|                         |                            |  |  |

## **Packaging Specifications**

T&R, H0 = 16mm, Component Pitch = 25.4mm Packaging

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