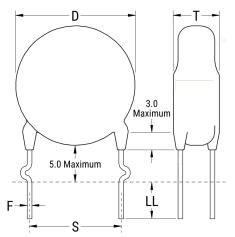


## ERP610W681MTDR

Aliases (C831TD681M7600, ERP610VH3680MTDR)

Obsolete

ERP610 SFTY X1-760 Y1-500, Ceramic, 680 pF, 20%, 760 VAC (X1), 500 VAC (Y1), Y5U, Lead Spacing = 10mm





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

| 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. H0<br>Dimension Refers to Seating Plane To Center Hole<br>of Tape. |  |

| Specifications          |                            |  |
|-------------------------|----------------------------|--|
| Capacitance             | 680 pF                     |  |
| Capacitance Tolerance   | 20%                        |  |
| Voltage AC              | 760 VAC (X1), 500 VAC (Y1) |  |
| Temperature Range       | -40/+125°C                 |  |
| Temperature Coefficient | Y5U                        |  |
| Dissipation Factor      | 2.5%                       |  |
| Insulation Resistance   | 10 GOhms                   |  |
| Safety Class            | X1/Y1                      |  |
|                         |                            |  |

Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| D          | 8mm MAX         |
| т          | 5mm MAX         |
| S          | 10mm +/-0.8mm   |
| НО         | 16mm +/-0.5mm   |
| F          | 0.6mm +/-0.05mm |
| А          | 6mm NOM         |
| V          | 2.1mm +/-0.5mm  |

## **Packaging Specifications**

Packaging

T&R, HO = 16mm, Component Pitch = 25.4mm

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