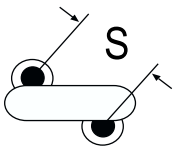
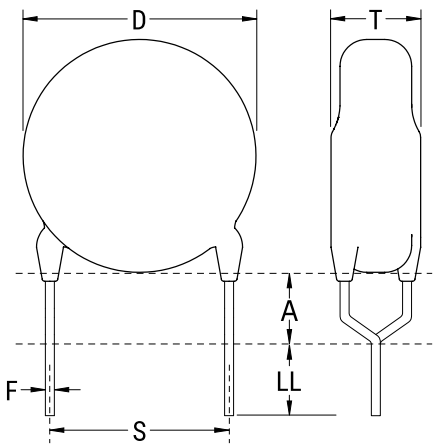


# ERP610W681KYRD

Aliases (C831YR681K760X, ERP610VH3680KYRD)

Obsolete

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



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

Click [here](#) for the 3D model.

| General Information |                           |
|---------------------|---------------------------|
| Series              | ERP610 SFTY X1-760 Y1-500 |
| Style               | Radial Disc               |
| RoHS                | Yes                       |
| Termination         | Tin                       |
| Lead                | V-Crimp                   |
| Qualifications      | UL, CSA, CAN, ENEC, VDE   |
| AEC-Q200            | No                        |

| Dimensions |                 |
|------------|-----------------|
| D          | 8mm MAX         |
| T          | 5mm MAX         |
| S          | 10mm +/-0.8mm   |
| F          | 0.6mm +/-0.05mm |
| V          | 2.1mm +/-0.5mm  |

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

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

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