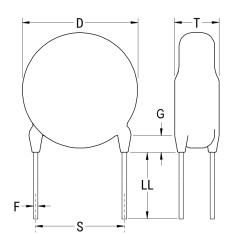


## **ERP610W272MDB0**

Aliases (C836DB272M760XV759, ERP610VH4270MDB0)

## Obsolete

ERP610 SFTY X1–760 Y1–500, Ceramic, 2700 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  |  |

| Specifications          |                            |
|-------------------------|----------------------------|
| Capacitance             | 2700 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          | 13mm MAX        |
| Т          | 5mm MAX         |
| S          | 10mm NOM        |
| LL         | 6mm -1mm        |
| F          | 0.8mm +/-0.05mm |
| G          | 3mm MAX         |
| V          | 2.1mm +/-0.5mm  |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging                | Bulk, Bag |