

## ERO610T502MCB0

Aliases (C825CB502M440XV757, ERO610RK4500MCB0)

Obsolete

ERO610 SFTY X1-440 Y2-250, Ceramic, 5000 pF, 20%, 440 VAC (X1), 250 VAC (Y2), Y5U, Lead Spacing = 7.5mm



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

### General Information

|                |   |
|----------------|---|
| Series         | ERO610 SFTY X1-440 Y2-250                   |
| 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             | 5000 pF                    |
| Capacitance Tolerance   | 20%                        |
| Voltage AC              | 440 VAC (X1), 250 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  | 12mm MAX        |
| T  | 4.5mm MAX       |
| S  | 7.5mm NOM       |
| LL | 6mm -1mm        |
| F  | 0.8mm +/-0.05mm |
| G  | 3mm MAX         |
| V  | 1.4mm +/-0.5mm  |

### Packaging Specifications

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