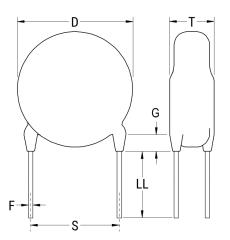


## ERO610T502MDRT

Aliases (C825DR502M440H, ERO610RK4500MDRT)

Obsolete

ERO610 SFTY X1-440 Y2-250, Ceramic, 5000 pF, 20%, 440 VAC (X1), 250 VAC (Y2), Y5U, Lead Spacing = 10mm





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  |  |
| Notes               | Please See Bulletin For Taping Information. H<br>Dimension Refers to Seating Plane To Center Hole<br>of Tape. |  |

Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| D          | 12mm MAX        |
| н          | 16.5mm +/-0.5mm |
| т          | 4.5mm MAX       |
| S          | 10mm +/-0.8mm   |
| F          | 0.6mm +/-0.05mm |
| G          | 3mm MAX         |
| V          | 1.4mm +/-0.5mm  |

| 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                      |  |  |

## **Packaging Specifications**

Packaging

T&R, H = 16.5mm, Component Pitch = 25.4mm

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