

## ERO610T502MYLC

Aliases (C825YL502M4400, ERO610RK4500MYLC)

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.

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

### Dimensions

|    |                   |
|----|-------------------|
| D  | 12mm MAX          |
| T  | 4.5mm MAX         |
| S  | 7.5mm +0.8/-0.2mm |
| H0 | 16mm +/-0.5mm     |
| F  | 0.6mm +/-0.05mm   |
| A  | 4.5mm MAX         |
| V  | 1.4mm +/-0.5mm    |

### Packaging Specifications

Packaging Ammo, H0 = 16mm, Component Pitch = 12.7mm

### 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. H0 Dimension Refers to Seating Plane To Center Hole of Tape. |

### 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                      |