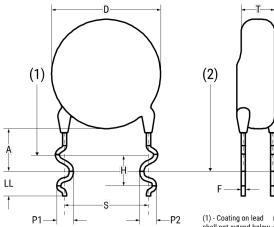
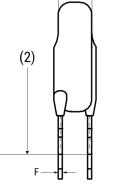


## ERO610T502MQG0

Aliases (C825QG502M440X, ERO610RK4500MQG0) Obsolete

ERO610 SFTY X1-440 Y2-250, Ceramic, 5000 pF, 20%, 440 VAC (X1), 250 VAC (Y2), Y5U, Lead Spacing = 12.5mm





(1) - Coating on lead (2) - Point of support shall not extend below on printed cardboard. this line.

Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| D          | 12mm MAX        |
| н          | 2.6mm +/-0.3mm  |
| т          | 4.5mm MAX       |
| S          | 12.5mm NOM      |
| LL         | 2.8mm MIN       |
| F          | 0.6mm +/-0.05mm |
| А          | 7mm +/-1.5mm    |
| V          | 1.4mm +/-0.5mm  |

## **Packaging Specifications**

Packaging

Bulk, Bag

| 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                      |  |  |
|                         |                            |  |  |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.