

## ERO610T502MERT

Aliases (C825ER502M440H, ERO610RK4500MERT)

Obsolete

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



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
H	16.5mm +/-0.5mm
T	4.5mm MAX
S	12.5mm +/-0.8mm
F	0.6mm +/-0.05mm
G	3mm MAX
V	1.4mm +/-0.5mm

### Packaging Specifications

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

### 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 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