

## ERK610Z681KYC0

Aliases (C812YC681K440X, ERK610RK3680KYC0)

Obsolete

ERK610 SFTY X1-440 Y2-300, Ceramic, 680 pF, 10%, 440 VAC (X1), 300 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	9mm MAX
T	6mm MAX
S	7.5mm NOM
LL	2.8mm +1.5mm
F	0.6mm +/-0.05mm
A	4.5mm MAX
V	2mm +/-0.5mm

### Packaging Specifications

Packaging	Bulk, Bag
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### General Information

Series	ERK610 SFTY X1-440 Y2-300
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	680 pF
Capacitance Tolerance	10%
Voltage AC	440 VAC (X1), 300 VAC (Y2)
Temperature Range	-40/+125°C
Temperature Coefficient	Y5U
Dissipation Factor	2.5%
Insulation Resistance	6 GOhms
Safety Class	X1/Y2