

ERP610W681MERT

Aliases (C831ER681M760H, ERP610VH3680MERT)

Obsolete

ERP610 SFTY X1-760 Y1-500, Ceramic, 680 pF, 20%, 760 VAC (X1), 500 VAC (Y1), Y5U, Lead Spacing = 12.5mm



The measurement position of Lead Spacing (S) and Width (V) is critical in straight lead capacitors.

General Information

Series	ERP610 SFTY X1-760 Y1-500
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	680 pF
Capacitance Tolerance	20%
Voltage AC	760 VAC (X1), 500 VAC (Y1)
Temperature Range	-40/+125°C
Temperature Coefficient	Y5U
Dissipation Factor	2.5%
Insulation Resistance	10 GOhms
Safety Class	X1/Y1

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

Dimensions

D	8mm MAX
H	16.5mm +/-0.5mm
T	5mm MAX
S	12.5mm +/-0.8mm
F	0.6mm +/-0.05mm
G	3mm MAX
V	2.1mm +/-0.5mm

Packaging Specifications

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