

F462DU274K1K0L

Not for New Design

F462, Film, Metallized Polypropylene, General Purpose, 0.27 uF, 10%, 1000 VDC, 85°C, Lead Spacing = 22.5mm



General Information

Series	F462
Dielectric	Metallized Polypropylene
Style	Radial
Features	MKP, Pulse
RoHS	Yes
Lead	Wire Leads
AEC-Q200	No
Component Weight	12.52 g
Miscellaneous	The Rated Voltage Decreases 2%/C Between +85C And +105C (1.25%/C For AC). ClimCat: 55/105/56.
Notes	Series Replaced by R75.

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

Dimensions

L	26mm -0.5mm
H	22mm -0.5mm
T	13mm -0.5mm
S	22.5mm +0.6/-0.1mm
H ₀	18.5mm +/-0.5mm
F	0.8mm +/-0.05mm
G	0.5mm NOM

Packaging Specifications

Packaging	T&R
Packaging Quantity	150

Specifications

Capacitance	0.27 uF
Capacitance Tolerance	10%
Voltage AC	300 VAC
Voltage DC	1000 VDC, 600 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.05% 1kHz, 0.06% 10kHz
Insulation Resistance	100 GOhms
Max dV/dt	600 V/us
Inductance	6 nH

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