

## F462AG682K1K0C

Not for New Design

F462, Film, Metallized Polypropylene, General Purpose, 6800 pF, 10%, 1000 VDC, 85°C, Lead Spacing = 10mm



Click here for the 3D model.

Dimensions	
L	13mm -0.5mm
Н	9mm -0.5mm
Т	4mm -0.5mm
S	10mm +/-0.4mm
LL	4mm +2mm
F	0.6mm +/-0.05mm
G	0.5mm NOM

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	2000

General Information		
Series	F462	
Dielectric	Metallized Polypropylene	
Style	Radial	
Features	MKP, Pulse	
RoHS	Yes	
Lead	Cut/Short	
AEC-Q200	No	
Component Weight	0.733 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.	

Specifications		
Capacitance	6800 pF	
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	0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz	
Insulation Resistance	100 GOhms	
Max dV/dt	2000 V/us	
Inductance	6 nH	

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