

## F462BG123K1K6A

Not for New Design

F462, Film, Metallized Polypropylene, General Purpose, 0.012 uF, 10%, 1,600 VDC, 85°C, 15 mm



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

### General Information

Series	F462
Dielectric	Metallized Polypropylene
Style	Radial
Features	MKP, Pulse
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
AEC-Q200	No
Typical Component Weight	2.01 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.

### Dimensions

L	18mm -0.5mm
H	12mm -0.5mm
T	6mm -0.5mm
S	15mm +/-0.4mm
LL	17mm +0/-1mm
F	0.8mm +/-0.05mm
G	0.5mm NOM

### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	1000

### Specifications

Capacitance	0.012 uF
Tolerance	10%
Voltage DC	1600 VDC, 960 VDC (105C)
Voltage AC	500 VAC
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	4,500 V/us
Inductance	6 nH

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