

## F461KF183K250C

Not for New Design

F461, Film, Metallized Polypropylene, General Purpose, 0.018 uF, 10%, 250 VDC, 85°C, Lead Spacing = 7.5mm



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

### Dimensions

L	10mm -0.5mm
H	8mm -0.5mm
T	3mm -0.5mm
S	7.5mm +/-0.4mm
LL	4mm +2mm
F	0.6mm +/-0.05mm
G	0.5mm NOM

### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	1500

### General Information

Series	F461
Dielectric	Metallized Polypropylene
Style	Radial
Features	MKP, Pulse
RoHS	Yes
Lead	Cut/Short
AEC-Q200	No
Component Weight	0.428 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	0.018 uF
Capacitance Tolerance	10%
Voltage AC	160 VAC
Voltage DC	250 VDC, 150 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	650 V/us
Inductance	6 nH