

## F461AK184J160A

Not for New Design

F461, Film, Metallized Polypropylene, General Purpose, 0.18 uF, 5%, 160 VDC, 85°C, 10 mm



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### General Information

Series	F461
Dielectric	Metallized Polypropylene
Style	Radial
Features	MKP, Pulse
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
AEC-Q200	No
Typical Component Weight	1.147 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	13mm -0.5mm
H	11mm -0.5mm
T	5mm -0.5mm
S	10mm +/-0.4mm
LL	17mm +0/-1mm
F	0.6mm +/-0.05mm
G	0.5mm NOM

### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	2000

### Specifications

Capacitance	0.18 uF
Tolerance	5%
Voltage DC	160 VDC, 96 VDC (105C)
Voltage AC	90 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.05% 1kHz, 0.06% 10kHz
Insulation Resistance	100 GOhms
Max dV/dt	180 V/us
Inductance	6 nH

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