



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

### Dimensions

L	18mm -0.5mm
H	14.5mm -0.5mm
T	8.5mm -0.5mm
S	15mm +/-0.4mm
LL	4mm +2mm
F	0.8mm +/-0.05mm
G	0.5mm NOM

### Packaging Specifications

Packaging	Pizza, Box
Packaging Quantity	663

### General Information

Series	F463
Dielectric	Metallized Polypropylene
Style	Radial
Features	MKP, Pulse
RoHS	Yes
Lead	Cut/Short
AEC-Q200	No
Component Weight	3.439 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	5%
Voltage AC	650 VAC
Voltage DC	1600 VDC, 960 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	6000 V/us
Inductance	6 nH