

F461AP683J630C

Not for New Design

F461, Film, Metallized Polypropylene, General Purpose, 0.068 uF, 5%, 630 VDC, 85°C, 10 mm



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General Information

Series	F461
Dielectric	Metallized Polypropylene
Style	Radial
Features	MKP, Pulse
RoHS	Yes
Termination	Cut (Tinned Wire)
Lead	Cut/Short
AEC-Q200	No
Typical Component Weight	1.369 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	12mm -0.5mm
T	6mm -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	1000

Specifications

Capacitance	0.068 uF
Tolerance	5%
Voltage DC	630 VDC, 378 VDC (105C)
Voltage AC	250 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	2,000 V/us
Inductance	6 nH

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