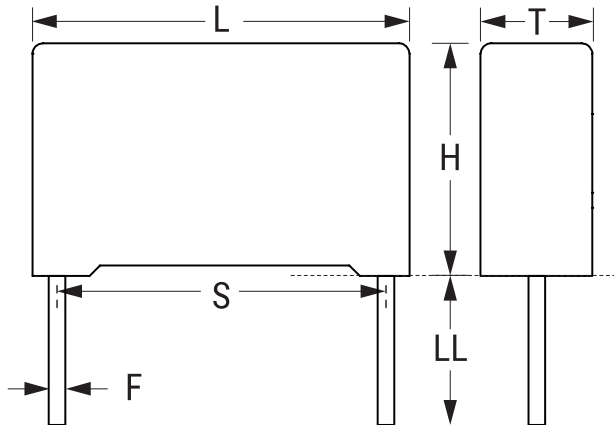


R60QF1680AA01K

Aliases (60QF1680AA01K)

R60, Film, Metallized Polyester, Automotive Grade, 6,800 pF, 10%, 1,000 VDC, 85°C, 10 mm



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

General Information

Series	R60
Dielectric	Metallized Polyester
Style	Radial
Features	Automotive Grade, DC Multipurpose Applications
RoHS	Yes
Termination	Cut (Tinned Wire)
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Miscellaneous	Upper Operating Temperature Of 125C Is Allowed For A Maximum Operating Time Of 1,000 Hours. Above 85C, DC And AC Voltage Derating Is 1.25%/C.

Dimensions

L	13mm +0.2/-0.5mm
H	12mm +0.1/-0.5mm
T	6mm +0.2/-0.5mm
S	10mm +/-0.4mm
LL	4mm +1.5mm
F	0.6mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	1000

Specifications

Capacitance	6,800 pF
Tolerance	10%
Voltage DC	1000 VDC
Voltage AC	250 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	1% 1kHz, 1.5% 10kHz
Insulation Resistance	30 GOhms
Max dV/dt	60 V/us
Inductance	9 nH

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