

# R82EC1680AA50K

aka 82EC1680AA50K

Capacitor, film, 6800 pF, +/-10% Tol, -55/+105C, General Purpose, 100V@85C, Lead Spacing=5 mm



## Dimensions (mm)

## Specifications

ID	Dimension	Tolerance	Manufacturer:	KEMET
L	7.2	+0.2	Brand:	Arcotronics
H	6.5	+0.1	Capacitance:	6800 pF
T	2.5	+0.1	Temperature Range:	-55/+105C
S	5	+/-0.4	Rated Temperature:	85C
LL	4	+2	Voltage @ rated temp:	100V
F	0.5	+/-0.05	Voltage AC:	63VAC
			Tolerance:	+/-10%
			Body Type:	Radial Box
			Construction:	Stacked
			Application:	General Purpose
			Dissipation Factor @ 1 kHz:	0.8%
			Dissipation Factor @ 10 kHz:	1.2%
			Dissipation Factor @ 100kHz:	2.5%
			Insulation Resistance:	15 GOhm
			Inductance:	7 nH
			Maximum dVdT:	200v/us
			Maximum K0:	40000V^2/us
			Package Kind:	Bulk
			Package Type:	Bag
			Package Quantity:	3000