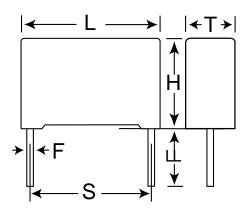
KEMET Part Number: R82EC1680DQ50K

(82EC1680DQ50K)



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



Dimensions (mm)			
Symbol	Dimension	Tolerance	
L	7.2	+0.2	
Н	6.5	+0.1	
Т	2.5	+0.1	
S	5	+/-0.4	
LL	18.5	+/-0.5	
F	0.5	+/-0.05	

Notes

-L,H,T are nominal dimensions and do not imply a minimum.

General Information		
Supplier:	KEMET	
Brand:	Arcotronics	
Miscellaneous Electrical:	Not for new design. Use F612JF682K100R (series F612)	

Specifications		
Capacitance:	6800 pF	
Rated Temperature:	85C	
Voltage @ rated temp:	100V	
Voltage AC:	63VAC	
Tolerance:	+/-10%	
Body Type:	Radial Box	
Dielectric:	Metallized Polyester (Stacked)	
Application:	General Purpose	
Temperature Range:	-55/+105C	
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	

Packaging Specifications		
Package Kind:	Ammo	
Package Size:	360x340x59mm	
Package Type:	Box	
Package Quantity:	3500	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

