

**KEMET Part Number: R76QR3680SE30K**  
(76QR3680SE30K)

Capacitor, film, 0.68 uF, +/-10% Tol, -55/+105C, General Purpose, 1000VDC@85° C, Lead Spacing=27.5 mm



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	32	+0.3
H	37	+0.1
T	22	+0.2
S	27.5	+/-0.4
LL	4	+1.5
F	0.8	NOM

Notes:

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

General Information	
Supplier:	KEMET
Miscellaneous Electrical:	The rated voltage decreases 1.25%/C between +85C and +105C

Specifications	
Capacitance:	0.68 uF
Rated Temperature:	85° C
Voltage @ rated temp:	1000VDC
Voltage AC:	600VAC
Tolerance:	+/-10%
Body Type:	Radial Box
Dielectric:	Mixed Dielectric (FKP/MKT)
Construction:	Double Metallized Polyester Film Wound with Polypropylene Film
Application:	General Purpose
Sub Application:	DC and pulse applications (including DC with ripple)
Temperature Range:	-55/+105C
Dissipation Factor @ 1 kHz:	0.1%
Dissipation Factor @ 10 kHz:	0.06%
Dissipation Factor @ 100kHz:	0.1%
Insulation Resistance:	44.12 GOhm
Inductance:	18 nH
Maximum dVdT:	1000v/us
Maximum K0:	2000000V^2/us

Packaging Specifications	
Package Kind:	Bulk
Package Type:	Tray
Package Quantity:	168