

**KEMET Part Number: R779N1680AA00K**  
(779N1680AA00K)

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a YAGEO company

R77, Film, Double Metallized Polypropylene, General Purpose, 6800 pF, 10%, 2000 VDC, 85°C, Lead Spacing = 22.5mm



### General Information

<b>Series:</b>	R77
<b>Dielectric:</b>	Double Metallized Polypropylene
<b>Style:</b>	Radial
<b>Features:</b>	Pulse
<b>RoHS:</b>	Yes
<b>Lead:</b>	Cut
<b>AEC-Q200:</b>	No
<b>Notes:</b>	Not For New Design, Please Check Possible Alternative Parts (AltPart).

### Dimensions

<b>L</b>	26.5mm +0.3/-0.5mm
<b>H</b>	16mm +0.1/-0.5mm
<b>T</b>	7mm +0.2/-0.5mm
<b>S</b>	22.5mm +/-0.4mm
<b>LL</b>	4mm +2mm
<b>F</b>	0.8mm +/-0.05mm

### Specifications

<b>Capacitance:</b>	6800 pF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage AC:</b>	900 VAC
<b>Voltage DC:</b>	2000 VDC
<b>Temperature Range:</b>	-55/+105°C
<b>Rated Temperature:</b>	85°C
<b>Dissipation Factor:</b>	0.06% 10kHz, 0.1% 100kHz
<b>Insulation Resistance:</b>	100 GOhms
<b>Max dV/dt:</b>	9500 V/us
<b>Inductance:</b>	18 nH

### Packaging Specifications

<b>Packaging:</b>	Bulk, Bag
<b>Packaging Quantity:</b>	700

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