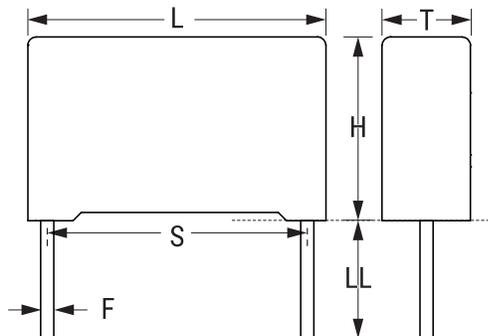


**KEMET Part Number: PHE850ER7100MR03R06L2**  
(F850RM105M300C)

PHE850/F850, Film, Metallized Polypropylene, Safety, 1 uF, 20%, 300 VAC (Y2), 1250 VDC, 110°C, Lead Spacing = 37.5mm



**Dimensions**

<b>L</b>	41mm MAX
<b>H</b>	36mm MAX
<b>T</b>	19mm MAX
<b>S</b>	37.5mm +/-0.5mm
<b>LL</b>	6mm NOM
<b>F</b>	1mm NOM

**Packaging Specifications**

<b>Packaging:</b>	Tray
<b>Packaging Quantity:</b>	91

**General Information**

<b>Series:</b>	PHE850/F850
<b>Dielectric:</b>	Metallized Polypropylene
<b>Style:</b>	Radial
<b>Features:</b>	EMI Safety
<b>RoHS:</b>	Yes
<b>Lead:</b>	Wire Leads
<b>Safety Class:</b>	Y2
<b>Qualifications:</b>	ENEC, UL, cUL
<b>AEC-Q200:</b>	No
<b>Notes:</b>	Not For New Design, Please Check Possible Alternative Parts (AltPart).

**Specifications**

<b>Capacitance:</b>	1 uF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage AC:</b>	300 VAC (Y2)
<b>Voltage DC:</b>	1250 VDC
<b>Temperature Range:</b>	-55/+110°C
<b>Rated Temperature:</b>	110°C
<b>Dissipation Factor:</b>	0.15% 1kHz, 0.4% 10kHz
<b>Insulation Resistance:</b>	10 GOhms
<b>Max dV/dt:</b>	100 V/us