

**KEMET Part Number: PHE840MY7100MD16R06L2**  
(F840DT105M275C)

**KEMET**

a YAGEO company

PHE840M/F840, Film, Metallized Polypropylene, Safety, 1 uF, 20%, 275 VAC (X2), 760 VDC, 105°C, Lead Spacing = 22.5mm



**Dimensions**

<b>L</b>	26mm MAX
<b>H</b>	21.5mm MAX
<b>T</b>	11mm MAX
<b>S</b>	22.5mm +/-0.4mm
<b>LL</b>	6mm NOM
<b>F</b>	0.8mm NOM

**Packaging Specifications**

<b>Packaging:</b>	Tray
<b>Packaging Quantity:</b>	253

**General Information**

<b>Series:</b>	PHE840M/F840
<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>	X2
<b>Qualifications:</b>	ENEC, UL, cUL
<b>AEC-Q200:</b>	No
<b>THB Performance:</b>	No
<b>Component Weight:</b>	7.237 g
<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>	275 VAC (X2)
<b>Voltage DC:</b>	760 VDC
<b>Temperature Range:</b>	-55/+105°C
<b>Rated Temperature:</b>	105°C
<b>Dissipation Factor:</b>	0.1% 1kHz, 0.4% 10kHz
<b>Insulation Resistance:</b>	10 GOhms
<b>Max dV/dt:</b>	100 V/us

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