

**KEMET Part Number: PHE850EB5470MB14R17**  
(F850BV473M300A)



PHE850/F850, Film, Metallized Polypropylene, Safety, 0.047 uF, 20%, 300 VAC (Y2), 1250 VDC, 110°C, Lead Spacing = 15mm



**Dimensions**

<b>L</b>	18mm MAX
<b>H</b>	17.5mm MAX
<b>T</b>	9.5mm MAX
<b>S</b>	15mm +/-0.4mm
<b>LL</b>	17mm NOM
<b>F</b>	0.8mm NOM

**Packaging Specifications**

<b>Packaging:</b>	Bulk, Bag
<b>Packaging Quantity:</b>	300

**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>THB Performance:</b>	No
<b>Component Weight:</b>	4.201 g
<b>Notes:</b>	Not For New Design, Please Check Possible Alternative Parts (AltPart).

**Specifications**

<b>Capacitance:</b>	0.047 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, 0.2% 10kHz, 0.6% 100kHz
<b>Insulation Resistance:</b>	30 GOhms
<b>Max dV/dt:</b>	100 V/us

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