

**KEMET Part Number: PHE850EB5100MB04R17**  
(F850BD103M300A)

Film, Metallized Polypropylene, Safety, PHE850/F850, 0.01 uF, 20%, 1,250 V, 300 V, 110C, Lead Spacing = 15mm



General Information	
<b>Dielectric:</b>	Metallized Polypropylene
<b>Style:</b>	Radial
<b>Series:</b>	PHE850/F850
<b>Features:</b>	Pulse
<b>RoHS:</b>	Yes
<b>Lead:</b>	Wire Leads
<b>Approvals:</b>	ENEC, UL, cUL
<b>Miscellaneous:</b>	Not For New Design, Please Check Possible Alternative Parts (AltPart)

Dimensions	
<b>L</b>	18mm MAX
<b>H</b>	10.5mm MAX
<b>T</b>	5.5mm MAX
<b>S</b>	15mm +/-0.4mm
<b>LL</b>	17mm NOM
<b>F</b>	0.8mm NOM

Specifications	
<b>Capacitance:</b>	0.01 uF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage DC:</b>	1250 VDC
<b>Voltage AC:</b>	300 VAC
<b>Temperature Range:</b>	-55/+110C
<b>Rated Temperature:</b>	110C
<b>Dissipation Factor:</b>	0.15% 1kHz, 0.2% 10kHz, 0.6% 100kHz
<b>Insulation Resistance:</b>	30 GOhms
<b>Max dVdt:</b>	100 V
<b>Safety Class:</b>	Y2

Packaging Specifications	
<b>Packaging:</b>	Bulk
<b>Packaging Quantity:</b>	800