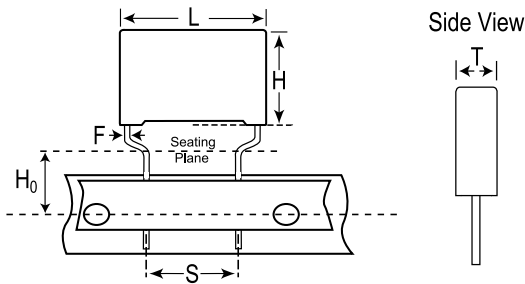


**KEMET Part Number: PHE850EA4100MA01R25XA**  
(F850AE102M300ALAF1)



PHE850/F850, Film, Metallized Polypropylene, Safety, 1000 pF, 20%, 300 VAC (Y2), 1250 VDC, 110°C, Lead Spacing = 7.5mm



Dimensions	
L	13mm MAX
H	8mm MAX
T	4mm MAX
S	7.5mm +0.6/-0.1mm
H <sub>0</sub>	16mm +/-0.5mm
F	0.6mm NOM

Packaging Specifications	
Packaging:	Ammo, 330x330x50mm, Box

General Information	
Series:	PHE850/F850
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	EMI Safety
RoHS:	Yes
Lead:	Formed To 7.5mm
Safety Class:	Y2
Qualifications:	ENEC, UL, cUL
AEC-Q200:	No
THB Performance:	No
Notes:	Not For New Design, Please Check Possible Alternative Parts (AltPart).

Specifications	
Capacitance:	1000 pF
Capacitance Tolerance:	20%
Voltage AC:	300 VAC (Y2)
Voltage DC:	1250 VDC
Temperature Range:	-55/+110°C
Rated Temperature:	110°C
Dissipation Factor:	0.15% 1kHz, 0.2% 10kHz, 0.6% 100kHz
Insulation Resistance:	30 GOhms
Max dV/dt:	100 V/us

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