

 A Division of AVX Corporation	CAPACITORS / FONCTION TUNNING	Product :
Date :10/01/11	TECHNICAL DATA	Study Nr_ : 11EPX507
Indice : a		
	Units	
- CAPACITANCE	μ F	1.32
- TOLERANCE	%	\pm 10
- VOLTAGE		
- NOMINAL Urms	V	350
- RMS max (Urms) 1min per day	V	450
- CURRENT		
- RMS max (Irms)	A	430
- TANGENT of loss angle dielectric max (Tg δ_0)	$\times 10^{-4}$	2
- TANGENT of loss angle max (Tgd)		
- Measure bridge at 1 KHz	$\times 10^{-4}$	\leq 3
- TEMPERATURE		
- Hot-spot max	$^{\circ}$ C	+85
- Storage max	$^{\circ}$ C	+85
- Min	$^{\circ}$ C	-40
- TESTS VOLTAGE between :		
- Terminals (10 sec) (Uebb)	Vrms	540
- LIFE TIME	Hrs	\geq 100 000
- at T $^{\circ}$ hot-spot	$^{\circ}$ C	55
- SERIAL RESISTANCE (Rs)	m Ω	0.2
- THERMAL RESISTANCE hot-spot / Amb (Rth)	$^{\circ}$ C/W	0.3
		\geq
- DESIGN	--	Like FAI1 range
- DIMENSIONS	mm	L=95 H=45 W=36maxi
- WEIGHT	kg	0.45
- TECHNOLOGY	DRY -SELFHEALING	
	METALLIZED POLYPROPYLEN FILM	
- THERMAL CALCULATION with Q in var, Rs in Ohms	T° Hot-spot = T° Amb + (2* 10^{-4} *Q + Rs*I 2 rms)* Rth	

