

Capacitor Unit Details

Capacitor Part Number:	<u>18L0004WH</u>		
Rated Voltage	750 V		Hz
KVAR at Rated Voltage	0 kVAR		
Rated Capacitance	4 μ F		
Manufacturing tolerance for capacitor unit kvar	-10%	to	+10%
Capacitor Unit BIL	0 kV		
Bushing Leakage Distance (Nominal)	0 in		0 mm
Number of Film Layers per Pad	3		
Total Film Pad Thickness	1.65 mil		
Dry Space Factor	26.1 %		
Number of Series Sections	1		
Number of Parallel Packs per Section	4		
Section Voltage	750 Volts		
Volts/mil stress (film only)	455 Volts/mil		
Volts/mil stress (film and fluid)	361 Volts/mil		
Discharge Resistor Rating	2.2 M Ω		
Weight	12 Lbs		5.5 kg
Gallons of Dielectric Fluid	.21 Gal		
Ground Test	10000 V	DC	10 sec
Dielectric Test	7500 V	DC	10 sec
Manufactured with Folded edges (Y/N)	No		

Additional Comments:

- Case thickness: Sides: 0.042", Cover: 0.05", Bottom: 0.09".
- Average losses of a stabilized unit in service is 0.1 W/kvar.
- Paint is an epoxy primer w/ urethane top coat meeting ANSI C57.12.31-2010 Pole Mounted Equipment .
- Internal elements will be extended foil and connected using ultrasonic welding.
- Capacitor unit operating temperature range is -50 to +50 deg. C.
- Maximum Bushing Torque 25 Ft-Lbs or 34 N-m.
- Percent Alteration on Surface Altered Film is 10% (avg.).
- Fluid Type (Non PCB) is DIELEKTROL VIIa, with a Dielectric Constant of 2.62.

