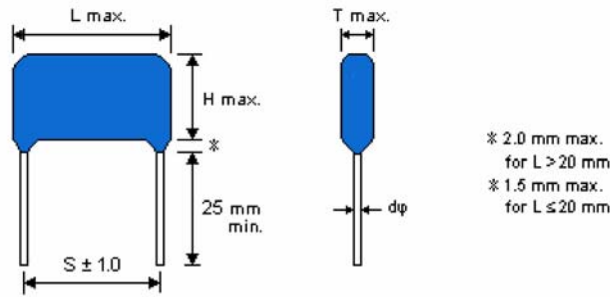


**NON-INDUCTIVE, MINIATURE SIZE, EPOXY  
DIP COATED, HIGH MOISTURE RESISTANCE**



**SPECIFICATIONS**

Performance Characteristics	
Operating Temperature Range	-40°C ~ +110°C with voltage derating of 1.5%/°C between 85°C & 110°C.
Voltage Range	250 & 450 VDC.
Withstanding Voltage (between leads)	1.6 times rated voltage for 2 seconds.
Capacitance Range	0.1µF ~ 10.0µF.
Capacitance Tolerance	±5%, ±10% & ±20%.
Maximum Dissipation Factor % (25°C, 1KHz)	1.0.
Minimum Insulation Resistance (25°C)	9000MΩ (C < 0.33µF). 3000MΩ x µF (C ≥ 0.33µF).

**APPLICATION**

This type of capacitor is suitable for PFC (Power Factor Correction) in lighting, SMPS, and UPS appliances where overvoltage is possible. The 914P will prevent short circuit or fire (in worst case condition)

**FEATURES**

- This series uses special metallized polyester film, which contributes to reducing the size.
- Self-healing property.
- Coated with flame retardant epoxy.
- Fatal short circuit is avoided.

S	WVDC				
	10.0	15.0	20.0	22.5	27.5
250	120.0	100.0	70.0	60.0	40.0
450	150.0	120.0	90.0	80.0	60.0

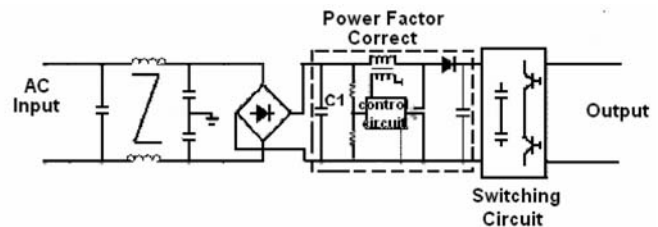
Maximum pulse rise time (dv/dt) V/µsec.

L	12.5	18.0	23.0	26.0	31.0
S	10.0	15.0	20.0	22.5	27.5
dØ	0.6	0.8	0.8	0.8	0.8

Cap. (µF)	250WVDC			450WVDC		
	L	T	H	L	T	H
0.10	12.5	5.5	9.0	12.5	5.5	9.0
0.15	12.5	6.0	11.0	12.5	6.5	10.0
0.22	12.5	5.5	11.0	12.5	7.0	12.5
0.22	12.5	7.0	12.5			
0.33	12.5	7.0	12.0	18.0	6.5	12.0
0.47	12.5	8.0	13.5	18.0	7.5	13.0
0.56	18.0	6.5	12.0	18.0	8.0	13.5
0.68	18.0	7.0	12.5	18.0	9.0	14.5
0.82	18.0	8.0	13.5	18.0	10.0	15.5
1.00	18.0	8.5	14.0	18.0	10.0	17.5
1.00				23.0	9.5	15.0
1.50	18.0	10.5	16.0	23.0	11.5	17.0
1.50				26.0	10.5	16.0
2.20	23.0	10.0	17.0	23.0	13.0	20.5
2.20	26.0	9.5	16.5	26.0	12.0	19.0
3.30	23.0	12.5	19.5	23.0	16.0	23.5
3.30	26.0	11.5	19.0	26.0	14.5	22.0
4.70	23.0	14.0	23.0			
4.70	26.0	13.5	22.0			
5.60	31.0	13.0	22.0			
6.80	31.0	14.5	23.0			
8.20	31.0	16.0	25.0			
10.00	31.0	17.5	26.0			

**914P CAPACITOR IN PFC PURPOSE APPLICATION**

Typical Circuit for PFC (Power Factor Correction)



1. C1 is used for PFC (Power Factor Correction).
2. C1 position is where an overvoltage caused by other electronic parts may cause C1 to see an overvoltage. The 914P will prevent short circuit or fire (in worst case condition).