

# ALUMINUM ELECTROLYTIC CAPACITORS



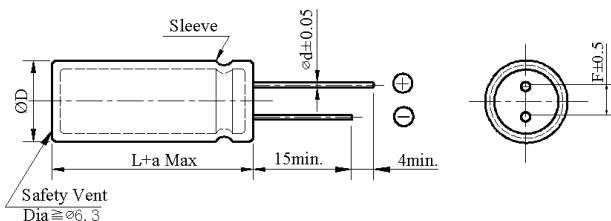
PQ Series

- **105°C Long Life (10,000 hours), Miniature size**  
Body diameter of  $\Phi 10\text{mm}$  to  $\Phi 12.5\text{mm}$  with high ripple current capability.



## ◆ SPECIFICATIONS

◆ DIMENSIONS (mm)



ΦD	10	12.5 L < 35	12.5 L ≥ 35
ΦD	ΦD + 0.5 Max		
Φd	0.6	0.6	0.8
F	5.0	5.0	
a	L + 1.5 Max	$\leq 35 L + 1.5 \text{Max}$ $\geq 40 L + 2.0 \text{ Max}$	

## ◆ PART NUMBERING SYSTEM( Example : 200V 220μF )

The timing diagram illustrates the sequence of pulses for a 1250 lead forming type component. The sequence is as follows:

- Special Request
- Size code(1250 : 12.5×50)
- Lead length code
- Lead forming Type code
- Capacitance tolerance code(M: ±20%)
- Capacitance code (220μF)
- Voltage code (200V)
- Series code (PQ)

# ALUMINUM ELECTROLYTIC CAPACITORS



## PQ Series

- ◆ Case size & Permissible rated ripple current: (mA rms) at 105°C / 120Hz

uF	Vdc	200		220		250	
		ΦD × L	RC	ΦD × L	RC	ΦD × L	RC
68						10×45	505
82				10×45	530	10×50	610
100	10×45	630	10×50	660	12.5×35	690	
120	10×55	750	12.5×35	740	12.5×40	790	
150	12.5×35	800	12.5×40	860	12.5×45	920	
180	12.5×40	920	12.5×45	990			
220	12.5×50	1090					
uF	Vdc	400		420		450	
		ΦD × L	RC	ΦD × L	RC	ΦD × L	RC
33				10×50	370	10×55	360
						12.5×30	370
39		10×50	400	10×55	410	12.5×35	420
				12.5×30	390		
47	10×55	450		12.5×35	450	12.5×40	480
	12.5×35	440					
56	12.5×40	500	12.5×40	520	12.5×45	530	
68	12.5×45	580	12.5×50	580			
82	12.5×55	650					

- ◆ RIPPLE CURRENT MULTIPLIERS

### Frequency Multipliers

Vdc	Frequency (Hz)				
	60(50)	120	500	1K	≥10K
200 ~ 250	0.80	1.00	1.20	1.30	1.40
400 ~ 450	0.80	1.00	1.25	1.40	1.50