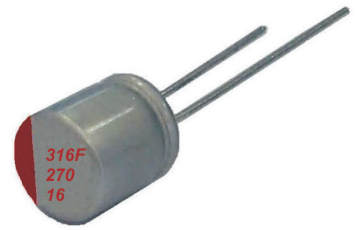


### PU Series

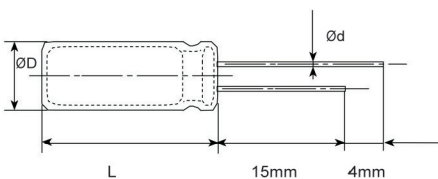
- Endurance: 2,000hours at 105°C
- Ultra-Low ESR
- Recommended Applications : High Order Main Board, Display Card
- RoHS Compliant and lead-free



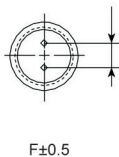
### ◆ SPECIFICATIONS

Items	Characteristics								
Category Temperature Range	-55 to +105°C								
Rated Working Voltage Range	2.5 to 25Vdc								
Nominal Capacitance Range	10~1000 μF								
Capacitance Tolerance	±20%(M) (at 20°C, 120Hz)								
DC Leakage Current	I ≤ 0.2CV or 500μA whichever is greater(at 20°C after 2 minutes)								
	Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)								
Dissipation Factor ( tan δ )	Rated Voltage (VDC)	2.5	4	6.3	10	16	20	25	(at 20°C, 120Hz)
	tanδ (Max.)	0.08			0.12				
ESR(100K~300KHz,20°C)	Value in characteristics table								
Temperature Characteristic (Impedance Ratio at 100KHz)	Z (+105°C) / Z (+20°C) ≤ 1.25								
	Z (-55°C) / Z (+20°C) ≤ 1.25								
Endurance	After applying rated voltage with rated ripple current for 2000 hours at 105°C, the capacitors shall meet the following requirements.								
	Appearance	No significant damage							
	Capacitance Change	≤±20% of the initial value							
	D.F. (tanδ)	≤150% of the initial specified value							
	ESR	≤150% of the initial specified value							
Humidity Test	After subjecting 90 to 95% RH for 3000 hours or 5000 hours at 60°C, no voltage, The capacitors shall meet the requirement as Endurance.								
	After subjecting to 1,000 cycles each consisting of charge with the surge voltage specified at normal temperature for 30 seconds through a protective resistor and discharge for 5 minutes 30 seconds, the capacitors shall meet the following requirements.								
	Appearance	No significant damage							
	Capacitance Change	≤±20% of the initial value							
	D.F. (tanδ)	≤150% of the initial specified value							
Surge Test	After subjecting to 1,000 cycles each consisting of charge with the surge voltage specified at normal temperature for 30 seconds through a protective resistor and discharge for 5 minutes 30 seconds, the capacitors shall meet the following requirements.								
	Appearance	No significant damage							
	Capacitance Change	≤±20% of the initial value							
	D.F. (tanδ)	≤150% of the initial specified value							
	ESR	≤150% of the initial specified value							
Leakage Current	≤The initial specified value								

### ◆ DIMENSIONS [mm]

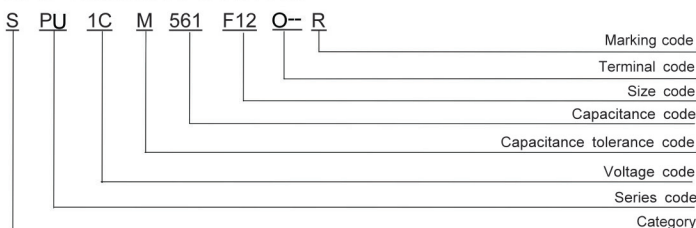


### ◆ MARKING



ØD	5	6.3	8	10
Ød	0.5	0.5	0.6	0.6
F	2.0	2.5	3.5	5.0
ØD	ØD+0.5 max.			
L	L+1.0 max.			

### ◆ PART NUMBER SYSTEM



单击下面可查看定价，库存，交付和生命周期等信息

[>>AISHI\(艾华\)](#)