TYPE 712L

FEATURES

• Temperature range (-40°C \sim +85°C). Low Leakage Current, 5mm height

5MM HEIGHT LOW LEAKAGE

ecate Group

• Load life 1,000 hours @ 85°C) RoHs COMPLIANT

PART NUMBERING

	Part Number Example: 712L-010/330M5X5F											
	712L	-	010	1	330	M	5X5	F				
	Type Rat		Rated DC Voltage		Capacitance Code (µF)*	Tolerance Code	Size	RoHs Compliant				
7	Capacitance Code: First two digits represent significant figures, third digit represents multiplier (number of zeros).											

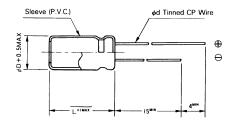
SPECIFICATIONS

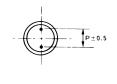
or Low to Atlanta											
Operating Temperature Range	-40°C ~ +85°C										
Rated Voltage Range	4 ~ 50vdc										
Capacitance Range				0.1 ~	100µF						
Capacitance Tolerance			±	20% (12	0Hz 20°	C)					
Leakage Current Max	I= 0.002 CV or .4 μA whichever is greater after 2 minutes @ rated voltage										
DF (%) @ +20°C 120Hz max	Working Voltage dc	4	6.3	10	16	25	35	50			
DF (%) @ +20 C 120112 111ax	DF (%)	35	24	20	16	14	12	10			
Low Temperature Characteristics	Working Voltage do	4	6.3	10	16	25	35	50			
Impedance Ratio Max @ 120Hz	Z-40°C / Z+20°C		15	10	8	6	4	3	3		
Load Life 1,000Hrs @ 85°C and rated voltage	Cap change DF Leakage current ≤ ±20% of Initial measured value ≤ 200% of Initial measured value ≤ Initial measured value										
Shelf Life 1,000Hrs @ 85°C	Cap change DF Leakage currentT ≤ ±20% of Initial measured value ≤ 200% of Initial measured value ≤ Initial measured value										

MULTIPLIER FOR RIPPLE CURRENT VS FREQ.

FREQUENCY (Hz)	50(60)	120	1K	10K>
0.1~47µF	0.8	1	1.3	1.5
100μF	0.8	1	1.15	1.2

DIMENSIONS





DIMENSIONS (UNIT: mm)

Diam	4	5	6.3	8		
F	1.5±.5	2±.5	2.5±.5	3.5±.5		
Ф		0.5				

CAP. (μF)			6.3 vdc V Surge 8v		10 vdc Surge 13v		16 vdc Surge 20v		25 vdc Surge 32v		35 vdc Surge 44v		50 vdc Surge 63v	
(1)	SIZE	I/AC	SIZE	I/AC	SIZE	I/AC	SIZE	I/AC	SIZE	I/AC	SIZE	I/AC	SIZE	I/AC
0.1													4x5	1.0
0.22													4x5	2.0
0.33													4x5	2.8
0.47													4x5	4.0
1													4x5	8.4
2.2													4x5	13
3.3													5x5	17
4.7									4x5	16	4x5	18	5x5	20
10							4x5	25	5x5	27	5x5	29	6.3x5	33
22			4x5	28	4x5	32	5x5	37	6.3x5	42	6.3x5	46	8x5	60
33	x5x	28	5x5	37	5x5	41	6.3x5	49	6.3x5	52				
47	5x5	33	5x5	45	6.3x5	52	6.3x5	58						
100	6.3x5	56	6.3x5	70										

I/AC (RIPPLE CURRENT) mA @ 120Hz 85°C