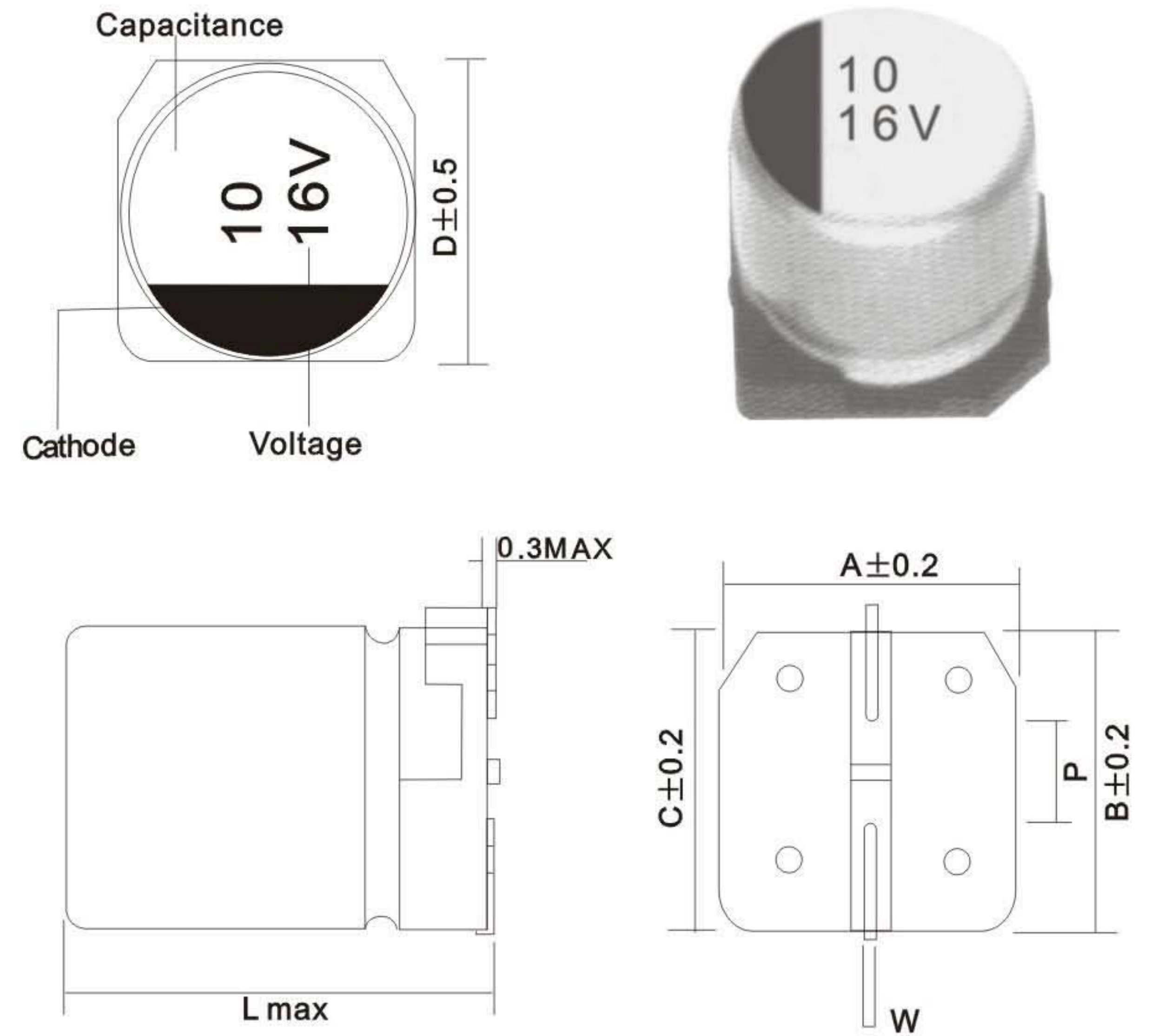


IVS Series 表面粘著型105°C低阻抗品

- 105°C low impedance
- Reflex soldering is available
- Available for high density mounting

尺寸 DIMENSIONS

ØD	L	A	B	C	W	P
3	5.5	3.3	3.3	3.3	0.5~0.8	0.8
4	5.5	4.3	5.0	5.1	0.5~0.8	1.0
5	5.5	5.3	6.0	5.9	0.5~0.8	1.4
6.3	5.5	6.6	7.0	7.2	0.5~0.8	1.9
6.3	6.0	6.6	6.6	6.6	0.5~0.8	2.2
8	6.5	8.3	8.3	9.0	0.5~0.8	2.3
8	10.5	8.3	8.3	9.0	0.7~1.1	3.1
10	10.5	10.3	10.3	11.0	0.7~1.1	4.5
12.5	13.5/16	12.8	12.8	13.5	2~2.5	8.0
16	16.5	16.3	16.3	17.0	3.5~3.8	10.5
18	16.5/21.5	19	21.5	21.5	3.5~3.8	11.5
20	21.5	21	23.5	23.5	3.5~3.8	13.5



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SPECIFICATIONS

No	Item	Performance Characteristics																											
1	使用溫度範圍 Operating Temperature Range	-40 to +105°C																											
2	定格電壓範圍 Rated voltage Range	6.3 to 100VDC																											
3	靜電容量許差 Capacitance Tolerance	±20% at 120Hz, 20°C																											
4	靜電容量範圍 Capacitance Range	1 to 3300uF																											
5	漏電電流 Leakage Current(+20°C,max.)	$I \leq 0.01 CV$ or $10(\mu A)$ After 2minutes, whichever is greater measured with rated working voltage applied																											
6	損失角 Dissipation Factor(tan δ)	<table border="1"> <thead> <tr> <th>Working Voltage (VDC)</th> <th>6.3</th> <th>10</th> <th>16</th> <th>35</th> <th>50</th> <th>63</th> <th>80</th> <th>100</th> </tr> </thead> <tbody> <tr> <td>D.F.(%)Max.</td> <td>0.26</td> <td>0.2</td> <td>0.17</td> <td>0.15</td> <td>0.12</td> <td>0.1</td> <td>0.08</td> <td>0.07</td> </tr> </tbody> </table> (+20°C, at 120Hz)	Working Voltage (VDC)	6.3	10	16	35	50	63	80	100	D.F.(%)Max.	0.26	0.2	0.17	0.15	0.12	0.1	0.08	0.07									
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D.F.(%)Max.	0.26	0.2	0.17	0.15	0.12	0.1	0.08	0.07																					
7	溫度特性 Low Temperature Characteristics (120Hz)	Impedance ratio max. <table border="1"> <thead> <tr> <th>Rated voltage (VDC)</th> <th>6.3</th> <th>10</th> <th>16</th> <th>35</th> <th>50</th> <th>63</th> <th>80</th> <th>100</th> </tr> </thead> <tbody> <tr> <td>Z-25°C /Z+20°C</td> <td>4</td> <td>3</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> </tr> <tr> <td>Z-40°C /Z+20°C</td> <td>8</td> <td>6</td> <td>4</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> </tr> </tbody> </table> After 2000-5000 hours(L≤10.5:2000hrs,L≤13.5:3000hrs), application of rated voltage at 105°C, capacitors meet the characteristics requirements listed as belows.	Rated voltage (VDC)	6.3	10	16	35	50	63	80	100	Z-25°C /Z+20°C	4	3	2	2	2	2	2	2	Z-40°C /Z+20°C	8	6	4	3	3	3	3	3
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8	高溫負荷特性 Load Life	<table border="1"> <tbody> <tr> <td>Capacitance Change</td> <td>With ±30% of the initial value</td> </tr> <tr> <td>Dissipation Factor</td> <td>Not more than 300% of the specified value</td> </tr> <tr> <td>Leakage Current</td> <td>Not more than the specified value</td> </tr> </tbody> </table>	Capacitance Change	With ±30% of the initial value	Dissipation Factor	Not more than 300% of the specified value	Leakage Current	Not more than the specified value																					
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9	高溫無負荷特性 Shelf Life	Test conditions Duration time :1000Hrs Ambient temperature :+105°C Applied voltage:None After test requirements at +20°C: Same limits as Load life. Pre-treatment for measurements shall be conducted after application of DC working voltage for 30 minutes.																											