

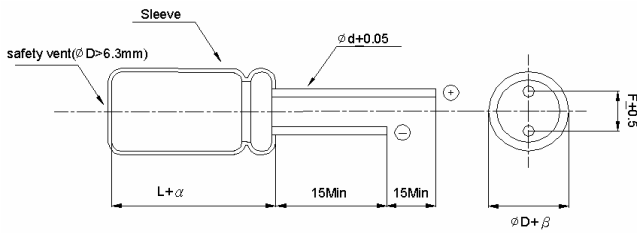
● 超低インピーダンス

ATWY シリ - ズ JIS C5101
CE-04
(耐洗浄品)

■ 特 徴

- 105°C、2,000 時間保証の Ultra Low Impedance です。
- VRM 回路用低インピーダンス。

■ 寸法図/DIAGRAM OF DIMENSIONS



Unit : mm

ΦD	8	10
F	3.5	5.0
Φd	0.5	0.6
L=20:0.6		
α	1.5	
β	0.5	

■ 性能/PERFORMANCE SPECIFICATION

カテゴリ温度範囲	CATEGORY TEMPERATURE RANGE	-40~+105°C																
標準静電容量許容差	STANDARD CAPACITANCE TOLERANCE	-20%~+20% (120Hz)																
漏れ電流 (最大値)	LEAKAGE CURRENT (MAX. VALUE)	I = 0.01CV or 3 μA WHICHEVER IS GREATER C: RATED CAPACITANCE (μF) (AT 20°C, AFTER 2 MINUTES) V: WORKING VOLTAGE (V)																
損失角の正接 (最大値) (tan δ)	DISSIPATION FACTOR (MAX. VALUE)	<table border="1"> <tr> <td>W. V.</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> </tr> <tr> <td>tan δ</td> <td>0.15</td> <td>0.13</td> <td>0.12</td> <td>0.10</td> </tr> </table> <p>When nominal capacitance is over 1000μF, tan δ shall be added 0.02 to the listed value with every increase of 1000μF</p>	W. V.	6.3	10	16	25	tan δ	0.15	0.13	0.12	0.10						
W. V.	6.3	10	16	25														
tan δ	0.15	0.13	0.12	0.10														
耐久 性 105°C 2000 時間 定格使用電圧印加	ENDURANCE APPLICATION OF RATED OPERATING VOLTAGE, AT 105°C FOR 2000 HOURS	CAPACITANCE CHANGE : WITHIN ±25% OF THE INITIAL VALUE DISSIPATION FACTOR : 200% OF THE INITIAL SPECIFIED VALUE OR LESS LEAKAGE CURRENT : THE SPECIFIED VALUE OR LESS																
低温 特性 (+20°Cにおける 120Hz のインピーダ ンスに対する比) (最大値)	LOW TEMPERATURE STABILITY (RATIO OF IMPEDANCE AT COLD TO THAT AT 20°C, 120Hz. MAX. VOLUE)	<table border="1"> <tr> <td>W. V.</td> <td>-40°C/+20°C</td> <td>W. V.</td> <td>-40°C/+20°C</td> </tr> <tr> <td>6.3</td> <td>4</td> <td>25</td> <td>4</td> </tr> <tr> <td>10</td> <td>4</td> <td>35</td> <td>3</td> </tr> <tr> <td>16</td> <td>4</td> <td>50</td> <td>3</td> </tr> </table>	W. V.	-40°C/+20°C	W. V.	-40°C/+20°C	6.3	4	25	4	10	4	35	3	16	4	50	3
W. V.	-40°C/+20°C	W. V.	-40°C/+20°C															
6.3	4	25	4															
10	4	35	3															
16	4	50	3															
その他の特性は JIS C5101-4 に準ずる	THE OTHER CHARACTERISTICS	THE OTHER CHARACTERISTICS ARE BASED ON JIS C 5101-4																

■ 定格リップル電流補正係数

リップル周波数が標準品一覧表の規定値と異なる場合には、下表の係数を乗じた値以下でご使用下さい。

When the ripple frequency differs from the specification shown in the list of standard products, multiply the value with the coefficient shown below, and use the products under the obtained value.

周波数補正係数/FREQUENCY CORRECTION FACTOR

F(Hz)	120	1K	10K	100K
(μF)				
220 ~ 330	0.45	0.75	0.95	1.0
470 ~ 4700	0.55	0.80	0.95	1.0



■ Standard Rating

Ripple* : Rated Ripple Current (105°C 100kHz, MAX)

Capacitance (μ F)	6.3V (0J)			10V (1A)			16V (1C)		
	Φ D×L (mm)	Impedance (Ω /100kHz)	Ripple* (mA)	Φ D×L (mm)	Impedance (Ω /100kHz)	Ripple* (mA)	Φ D×L (mm)	Impedance (Ω /100kHz)	Ripple* (mA)
			100kHz			100kHz			100kHz
680	8 x 11.5	0.036	1140	8 x 11.5	0.036	1140			
820	8 x 11.5	0.036	1140	8 x 16	0.028	1490			
1000	10x16	0.034	2000	10x16	0.038	2000	10x16	0.019	2000
1500	8x20	0.019	1870	10X16	0.019	2000	10x20	0.013	2500
1500	10X16	0.019	2000				10x25	0.012	2800
1800	8x20	0.019	1870	10X20	0.020	2500	10x25	0.012	2800
2200	10X20	0.013	2550				10x25	0.012	2800
3300	10X25	0.012	2800						
3900	10X30	0.012	3400						
4700	10X30	0.012	3550						

Capacitance (μ F)	25V (1E)		
	Φ D×L (mm)	Impedance (Ω /100kHz)	Ripple* (mA)
			100kHz
220	10x12.5	0.026	1300
330	10x16	0.019	2000
470	10x16	0.019	2000
820	10x20	0.013	2550