

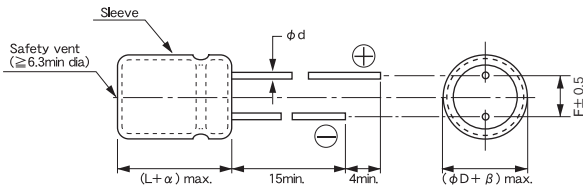
●高リップル・長寿命品(105℃)

**UTWYZシリーズ** JIS C5101 CE-04

■特徴

- ・低ESRで、スイッチング電源に最適
- ・105℃ 4,000~10,000時間を保証
- ・高リップル小形化品

■寸法図/DIAGRAM OF DIMENSIONS



●High Ripple Current & Long Life type(105℃)

**TYPE UTWYZ** JIS C5101 CE-04

■FEATURES

- ・ Low ESR, For Switchng Power Supply.
- ・ This product is the guaranteed service life of 4,000~10,000 hours at 105℃.
- ・ Smaller size with large permissible ripple current.

φ D	5	6.3	8	10	12.5	16	18
φ d	0.5		0.6			0.8	
F	2.0	2.5	3.5	5.0	5.0	7.5	7.5
α	1.0			L < 20 : 1.5		L ≥ 20 : 2	
β	0.5						

■性能/PERFORMANCE SPECIFICATIONS

カテゴリー温度範囲	CATEGORY TEMPERATURE RANGE	-55℃ ~ +105℃																
標準静電容量許容差	STANDARD CAPACITANCE TOLERANCE	-20% ~ +20% (20℃, 120Hz)																
漏れ電流 (最大値)	LEAKAGE CURRENT (MAX. VALUE)	I=0.01CV OR 3μA WHICHEVER IS THE GREATER (after 2 minutes) C=RATED CAPACITANCE (μF) V=WORKING VOLTAGE (V)																
損失角の正接 (最大値) (tan δ)	DISSIPATION FACTOR (MAX. VALUE) (tan δ)	<table border="1"> <tr> <td>W.V</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> </tr> <tr> <td>tan δ</td> <td>0.22</td> <td>0.19</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> <td>0.09</td> </tr> </table>	W.V	6.3	10	16	25	35	50	63	tan δ	0.22	0.19	0.16	0.14	0.12	0.10	0.09
W.V	6.3	10	16	25	35	50	63											
tan δ	0.22	0.19	0.16	0.14	0.12	0.10	0.09											
耐久性能	ENDURANCE	6.3~10V	φ D=5~6.3mm: 4,000 hrs φ D=8~10mm: 6,000 hrs φ D≥12.5mm: 8,000 hrs															
		16~63V	φ D=5~6.3mm: 5,000 hrs φ D=8~10mm: 7,000 hrs φ D≥12.5mm: 10,000 hrs															
		After applying rated voltage at 105℃ The capacitors shall meet the following requirements.																
		Capacitance Change	Within ±25% of the initial value															
		Dissipation Facto	Less than 200% of the initial specified value															
		Leakage Cureent	Less than the intial specified value															
低温特性 +20℃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℃, 120Hz. MAX. VALUE.	インピーダンス比/Impedance ratio (at 120Hz)																
		W.V.	6.3	10	16	25	35	50	63									
		Z (-25℃) / Z (+20℃)	3	3	3	3	3	3	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 spicification 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

Cap (μ F)	Frequency(Hz)			
	120	1k	10k	100k up
~ 33	0.42	0.70	0.90	1.0
39 ~ 270	0.50	0.73	0.92	1.0
330 ~ 680	0.55	0.77	0.94	1.0
820 ~ 1800	0.60	0.80	0.96	1.0
2200 ~ 18000	0.70	0.85	0.96	1.0

■品番ご指定法/HOW TO SPECIFY ITEM NUMBER

