

●低インピーダンス品

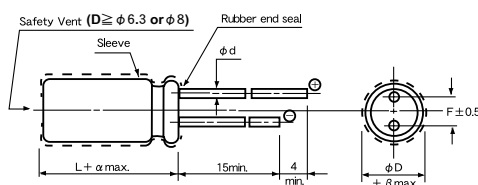
UTWXZシリーズ

JIS C5101
CE-04
(耐洗浄品)

■特徴

- ・高周波平滑用として設計した製品です。特に高周波のリプル電流とインピーダンスを更に低く抑えてあります。
- ・寿命特性も105℃ 6000時間を保証した高安定化製品です。(但しφ5、φ6.3は3000時間、φ8は4000時間、φ10は5000時間保証)

■寸法図/DIAGRAM OF DIMENSIONS



Unit : mm

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

■性能/PERFORMANCE SPECIFICATIONS

カテゴリ温度範囲	CATEGORY TEMPERATURE RANGE	-55℃ ~ +105℃																
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 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)	<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											
When the capacitance exceed 1,000 μF, the value of tan δ is increased by 0.02 for each increment of 1,000 μF or its fraction.																		
耐久性能 105℃ 6000時間 定格使用電圧印加 (φD ≤ 6.3 : 3000時間, φ8 : 4000時間) (φ10 : 5000時間)	ENDURANCE APPLICATION OF RATED OPERATING VOLTAGE, AT 105℃ FOR 6000HOURS. (φD ≤ 6.3 : 3000Hr, φ8 : 4000Hr) (φ10 : 5000Hr)	CAPACITANCE CHANGE : LESS THAN 25% OF THE INITIAL MEASURED VALUE. DISSIPATION FACTOR : LESS THAN 200% OF THE INITIAL SPECIFIED VALUE. LEAKAGE CURRENT : LESS THAN THE INITIAL SPECIFIED VALUE.																
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																

■定格リプル電流補正係数

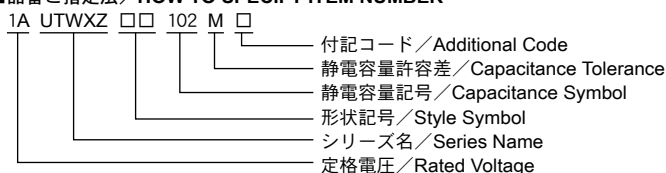
リプル周波数が標準品一覧表の規定値と異なる場合には、下表の係数を乗じた値以下でご使用下さい。

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

Freq. (Hz)	Cap. (μF)			
	120	1K	10K	100K
6.8 ~ 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 ~ 15000	0.70	0.85	0.98	1.0

■品番ご指定法/HOW TO SPECIFY ITEM NUMBER



■寸法表/CASE SIZE TABLE

■Impedance [Max.Value Ω] at 20°C 100kHz
 ■Ripple Current [Max.Value mA] at 105°C 100kHz

(mm)

W.V (vdc)	Cap (μF)	ΦD×L (mm)	Impedance	Ripple	品番
6.3	100	5 × 11	0.600	180	0JUTWXZ□□101M0
	330	6.3 × 11	0.250	290	0JUTWXZ□□331M0
	330	6.3 × 15	0.230	430	0JUTWXZ□□331M0E15
	560	8 × 11.5	0.117	555	0JUTWXZ□□561M0
	820	8 × 15	0.085	730	0JUTWXZ□□821M0
	1000	10 × 12.5	0.090	755	0JUTWXZ□□102M0
	1200	8 × 20	0.065	955	0JUTWXZ□□122M0F20
	1200	10 × 16	0.068	1050	0JUTWXZ□□122M0
	1500	10 × 20	0.052	1220	0JUTWXZ□□152M0
	2200	10 × 25	0.045	1440	0JUTWXZ□□222M0
	2700	10 × 30	0.035	1815	0JUTWXZ□□272M0
	3300	12.5 × 20	0.038	1655	0JUTWXZ□□332M0
	3900	12.5 × 25	0.030	1945	0JUTWXZ□□392M0
	4700	12.5 × 30	0.025	2310	0JUTWXZ□□472M0
	5600	12.5 × 35	0.022	2510	0JUTWXZ□□562M0H35
	5600	16 × 20	0.029	2205	0JUTWXZ□□562M0
	6800	16 × 25	0.022	2555	0JUTWXZ□□682M0
	8200	16 × 31.5	0.018	3010	0JUTWXZ□□822M0
10000	18 × 25	0.020	2740	0JUTWXZ□□103M0	
12000	18 × 31.5	0.016	3635	0JUTWXZ□□123M0	
15000	18 × 35.5	0.015	3680	0JUTWXZ□□153M0	
10	100	5 × 11	0.600	180	1AUTWXZ□□101M0
	220	6.3 × 11	0.250	290	1AUTWXZ□□221M0
	220	6.3 × 15	0.230	430	1AUTWXZ□□221M0E15
	470	8 × 11.5	0.117	555	1AUTWXZ□□471M0
	680	8 × 15	0.085	730	1AUTWXZ□□681M0F15
	680	10 × 12.5	0.090	755	1AUTWXZ□□681M0
	1000	8 × 20	0.065	955	1AUTWXZ□□102M0F20
	1000	10 × 16	0.068	1050	1AUTWXZ□□102M0
	1500	10 × 20	0.052	1220	1AUTWXZ□□152M0
	1500	10 × 25	0.045	1440	1AUTWXZ□□152M0G25
	2200	10 × 30	0.035	1815	1AUTWXZ□□222M0G30
	2200	12.5 × 20	0.038	1655	1AUTWXZ□□222M0
	3300	12.5 × 25	0.030	1945	1AUTWXZ□□332M0
	3300	12.5 × 30	0.025	2310	1AUTWXZ□□332M0H30
	3900	12.5 × 35	0.022	2510	1AUTWXZ□□392M0H35
	3900	16 × 20	0.029	2205	1AUTWXZ□□392M0
	5600	16 × 25	0.022	2555	1AUTWXZ□□562M0
	6800	16 × 31.5	0.018	3010	1AUTWXZ□□682M0
6800	18 × 25	0.020	2740	1AUTWXZ□□682M0M25	
8200	16 × 35.5	0.016	3150	1AUTWXZ□□822M0K35	
8200	18 × 31.5	0.016	3635	1AUTWXZ□□822M0	
10000	18 × 35.5	0.015	3680	1AUTWXZ□□103M0	
15000	18 × 40	0.014	3800	1AUTWXZ□□153M0	
16	56	5 × 11	0.600	180	1CUTWXZ□□560M0
	150	6.3 × 11	0.250	290	1CUTWXZ□□151M0
	180	6.3 × 15	0.230	430	1CUTWXZ□□181M0
	330	8 × 11.5	0.117	555	1CUTWXZ□□331M0
	470	8 × 15	0.085	730	1CUTWXZ□□471M0F15
	470	10 × 12.5	0.090	755	1CUTWXZ□□471M0
	680	8 × 20	0.065	955	1CUTWXZ□□681M0F20
	680	10 × 16	0.068	1050	1CUTWXZ□□681M0
	1000	10 × 20	0.052	1220	1CUTWXZ□□102M0
	1200	10 × 25	0.045	1440	1CUTWXZ□□122M0
	1500	10 × 30	0.035	1815	1CUTWXZ□□152M0G30
	1500	12.5 × 20	0.038	1655	1CUTWXZ□□152M0
	2200	12.5 × 25	0.030	1945	1CUTWXZ□□222M0
	2700	12.5 × 30	0.025	2310	1CUTWXZ□□272M0H30
	2700	16 × 20	0.029	2205	1CUTWXZ□□272M0
	3300	12.5 × 35	0.022	2510	1CUTWXZ□□332M0
	3900	16 × 25	0.022	2555	1CUTWXZ□□392M0
	4700	16 × 31.5	0.018	3010	1CUTWXZ□□472M0
4700	18 × 25	0.020	2740	1CUTWXZ□□472M0M25	
5600	16 × 35.5	0.016	3150	1CUTWXZ□□562M0K35	
5600	18 × 31.5	0.016	3635	1CUTWXZ□□562M0	
8200	18 × 35.5	0.015	3680	1CUTWXZ□□822M0	
10000	18 × 40	0.014	3800	1CUTWXZ□□103M0	
25	47	5 × 11	0.600	180	1EUTWXZ□□470M0
	100	6.3 × 11	0.250	290	1EUTWXZ□□101M0
	120	6.3 × 15	0.230	430	1EUTWXZ□□121M0
	220	8 × 11.5	0.117	555	1EUTWXZ□□221M0
	330	8 × 15	0.085	730	1EUTWXZ□□331M0F15
	330	10 × 12.5	0.090	755	1EUTWXZ□□331M0
	470	8 × 20	0.065	955	1EUTWXZ□□471M0F20
	470	10 × 16	0.068	1050	1EUTWXZ□□471M0
	680	10 × 20	0.052	1220	1EUTWXZ□□681M0
	820	10 × 25	0.045	1440	1EUTWXZ□□821M0
	1000	10 × 30	0.035	1815	1EUTWXZ□□102M0G30
	1000	12.5 × 20	0.038	1655	1EUTWXZ□□102M0

W.V (vdc)	Cap (μF)	ΦD×L (mm)	Impedance	Ripple	品番	
25	1500	12.5 × 25	0.030	1945	1EUTWXZ□□152M0	
	1800	12.5 × 30	0.025	2310	1EUTWXZ□□182M0H30	
	1800	16 × 20	0.029	2205	1EUTWXZ□□182M0	
	2200	12.5 × 35	0.022	2510	1EUTWXZ□□222M0	
	2700	16 × 25	0.022	2555	1EUTWXZ□□272M0	
	3300	16 × 31.5	0.018	3010	1EUTWXZ□□332M0	
	3300	18 × 25	0.020	2740	1EUTWXZ□□332M0M25	
	3900	16 × 35.5	0.016	3150	1EUTWXZ□□392M0K35	
	3900	18 × 31.5	0.016	3635	1EUTWXZ□□392M0	
	4700	18 × 35.5	0.015	3680	1EUTWXZ□□472M0	
	6800	18 × 40	0.014	3800	1EUTWXZ□□682M0	
	35	33	5 × 11	0.600	180	1VUTWXZ□□330M0
		56	6.3 × 11	0.250	290	1VUTWXZ□□560M0
		82	6.3 × 15	0.230	430	1VUTWXZ□□820M0
150		8 × 11.5	0.117	555	1VUTWXZ□□151M0	
220		8 × 15	0.085	730	1VUTWXZ□□221M0F15	
220		10 × 12.5	0.090	755	1VUTWXZ□□221M0	
330		8 × 20	0.065	955	1VUTWXZ□□331M0F20	
330		10 × 16	0.068	1050	1VUTWXZ□□331M0	
470		10 × 20	0.052	1220	1VUTWXZ□□471M0	
560		10 × 25	0.045	1440	1VUTWXZ□□561M0	
680		10 × 30	0.035	1815	1VUTWXZ□□681M0G30	
680		12.5 × 20	0.038	1655	1VUTWXZ□□681M0	
1000		12.5 × 25	0.030	1945	1VUTWXZ□□102M0	
1200		12.5 × 30	0.025	2310	1VUTWXZ□□122M0H30	
1200	16 × 20	0.029	2205	1VUTWXZ□□122M0		
1500	12.5 × 35	0.022	2510	1VUTWXZ□□152M0		
1800	16 × 25	0.022	2555	1VUTWXZ□□182M0		
2200	16 × 31.5	0.018	3010	1VUTWXZ□□222M0		
2200	18 × 25	0.020	2740	1VUTWXZ□□222M0M25		
2700	16 × 35.5	0.016	3150	1VUTWXZ□□272M0K35		
2700	18 × 31.5	0.016	3635	1VUTWXZ□□272M0		
3300	18 × 35.5	0.015	3680	1VUTWXZ□□332M0		
4700	18 × 40	0.014	3800	1VUTWXZ□□472M0		
50	22	5 × 11	1.200	170	1HUTWXZ□□220M0	
	47	6.3 × 11	0.430	300	1HUTWXZ□□470M0	
	56	6.3 × 15	0.400	360	1HUTWXZ□□560M0	
	100	8 × 11.5	0.240	485	1HUTWXZ□□101M0	
	120	8 × 15	0.160	635	1HUTWXZ□□121M0	
	150	10 × 12.5	0.160	615	1HUTWXZ□□151M0	
	180	8 × 20	0.120	860	1HUTWXZ□□181M0	
	220	10 × 16	0.120	850	1HUTWXZ□□221M0	
	220	10 × 20	0.090	1030	1HUTWXZ□□221M0G20	
	270	10 × 25	0.082	1200	1HUTWXZ□□271M0	
	330	10 × 30	0.060	1610	1HUTWXZ□□331M0	
	470	12.5 × 20	0.060	1500	1HUTWXZ□□471M0	
	680	12.5 × 25	0.050	1832	1HUTWXZ□□681M0	
	680	16 × 20	0.048	1835	1HUTWXZ□□681M0K20	
820	12.5 × 35	0.034	2285	1HUTWXZ□□821M0		
1000	16 × 25	0.034	2235	1HUTWXZ□□102M0		
1200	16 × 31.5	0.028	2700	1HUTWXZ□□122M0		
1200	18 × 25	0.029	2610	1HUTWXZ□□122M0M25		
1500	16 × 35.5	0.025	2790	1HUTWXZ□□152M0		
1800	18 × 31.5	0.025	3000	1HUTWXZ□□182M0		
2200	18 × 35.5	0.023	3100	1HUTWXZ□□222M0		
63	12	5 × 11	2.000	145	1JUTWXZ□□120M0	
	33	6.3 × 11	0.710	250	1JUTWXZ□□330M0	
	39	6.3 × 15	0.700	330	1JUTWXZ□□390M0	
	68	8 × 11.5	0.340	405	1JUTWXZ□□680M0	
	100	8 × 15	0.230	535	1JUTWXZ□□101M0F15	
	100	10 × 12.5	0.250	535	1JUTWXZ□□101M0	
	150	10 × 16	0.190	660	1JUTWXZ□□151M0	
	220	10 × 20	0.150	885	1JUTWXZ□□221M0	
	220	10 × 25	0.130	1050	1JUTWXZ□□221M0G25	
	330	12.5 × 20	0.085	1285	1JUTWXZ□□331M0	
	390	12.5 × 25	0.070	1720	1JUTWXZ□□391M0	
	470	12.5 × 30	0.055	2090	1JUTWXZ□□471M0	
	470	16 × 20	0.059	1765	1JUTWXZ□□471M0K20	
	560	16 × 25	0.050	2160	1JUTWXZ□□561M0	
680	12.5 × 35	0.047	2265	1JUTWXZ□□681M0		
820	16 × 31.5	0.043	2670	1JUTWXZ□□821M0		
820	18 × 25	0.043	2585	1JUTWXZ□□821M0M25		
1000	16 × 35.5	0.036	2770	1JUTWXZ□□102M0		
1200	18 × 31.5	0.032	2950	1JUTWXZ□□122M0		
1500	18 × 35.5	0.030	3095	1JUTWXZ□□152M0		
2200	18 × 40	0.028	3200	1JUTWXZ□□222M0		

□□には端子加工・テーピング記号が入ります。バルク品の場合は空白となります。
 □□:Enter the appropriate lead forming or taping code. The bulk item is a blank.
 ・この寸法表にないカスタム品も製造いたしますので、ご相談下さい。
 Produce custom product too, which are not found in these tables.