

●85°C標準品

UTESシリーズ

JIS C5101
CE-04

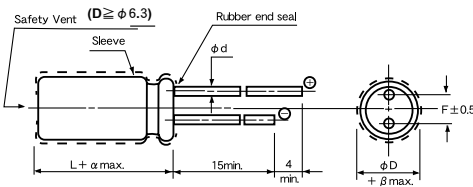
非推奨製品

(耐洗浄品)

■特徴

- ・従来のUTSSシリーズに比べ1~2ランク小形化した製品でセットの小形化・軽量化に最も適しております。
- ・小形化に伴いテーピングによる自動挿入適用範囲が広くなりました。

■寸法図/DIAGRAM OF DIMENSIONS



●85°C STANDARD TYPE

TYPE UTES

JIS C5101
CE-04

Deprecated Product (Washable product)

■FEATURES

- ・Capacitors of this series are products which are smaller than former (UTSS series) by 1 or 2 ranks, and most suitable for saving size and weight of an electronic apparatus.
- ・As the results of minimization, capacitors of more wide range in item become applicable for automatic insertion by taping.

Unit : mm

φD	5	6.3	8	10	12.5	16	18
φd	0.5	0.5	0.6	0.6	0.6	0.8	0.8
F	2.0	2.5	3.5	5.0	5.0	7.5	7.5
β	0.5				1.0		

L < 20 α = 1.5
L ≥ 20 α = 2

■性能/PERFORMANCE SPECIFICATIONS

カテゴリ温度範囲	CATEGORY TEMPERATURE RANGE	-40°C ~ +85°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 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> <td>100</td> </tr> <tr> <td>tan δ</td> <td>0.28</td> <td>0.24</td> <td>0.20</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.11</td> <td>0.10</td> </tr> </table> <p>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.</p>	W. V	6.3	10	16	25	35	50	63	100	tan δ	0.28	0.24	0.20	0.16	0.14	0.12	0.11	0.10									
W. V	6.3	10	16	25	35	50	63	100																					
tan δ	0.28	0.24	0.20	0.16	0.14	0.12	0.11	0.10																					
耐久性 85°C 2000時間 定格使用電圧印加	ENDURANCE APPLICATION OF RATED OPERATING VOLTAGE, AT 85°C FOR 2000HOURS.	<p>CAPACITANCE CHANGE : LESS THAN 20% OF THE INITIAL MEASURED VALUE.</p> <p>DISSIPATION FACTOR : LESS THAN 200% OF THE INITIAL SPECIFIED VALUE.</p> <p>LEAKAGE CURRENT : LESS THAN THE INITIAL SPECIFIED VALUE.</p>																											
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. 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> <td>100</td> </tr> <tr> <td>Z -25°C/Z +20°C</td> <td>5</td> <td>4</td> <td>3</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>12</td> <td>10</td> <td>8</td> <td>5</td> <td>4</td> <td>3</td> <td>3</td> <td>3</td> </tr> </table>	W. V	6.3	10	16	25	35	50	63	100	Z -25°C/Z +20°C	5	4	3	2	2	2	2	2	Z -40°C/Z +20°C	12	10	8	5	4	3	3	3
W. V	6.3	10	16	25	35	50	63	100																					
Z -25°C/Z +20°C	5	4	3	2	2	2	2	2																					
Z -40°C/Z +20°C	12	10	8	5	4	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																											

■寸法表/CASE SIZE TABLE Unit : mm

■Ripple current [Max. Value mA r.m.s.] at 85°C 120Hz.

μF	W.V	6.3 (0J)		10 (1A)		16 (1C)		25 (1E)		35 (1V)		50 (1H)		63 (1J)		100 (2A)	
		φD×L	Ripple current	φD×L	Ripple current	φD×L	Ripple current	φD×L	Ripple current	φD×L	Ripple current	φD×L	Ripple current	φD×L	Ripple current	φD×L	Ripple current
2.2 (2R2)												5×11	20	5×11	22	5×11	25
3.3 (3R3)												5×11	30	5×11	30	5×11	35
4.7 (4R7)								5×11	30	5×11	35	5×11	37	5×11	37	5×11	42
10 (100)						5×11	30	5×11	45	5×11	55	5×11	65	5×11	70	5×11	60
22 (220)						5×11	75	5×11	80	5×11	85	5×11	100	5×11	85	6.3×11	110
33 (330)	5×11	55	5×11	80	5×11	90	5×11	100	5×11	105	5×11	110	6.3×11	100	8×11.5	145	
47 (470)	5×11	75	5×11	95	5×11	110	5×11	120	5×11	130	6.3×11	115	6.3×11	150	10×12.5	180	
100 (101)	5×11	130	5×11	100	5×11	120	6.3×11	140	6.3×11	150	8×11.5	195	8×11.5	260	10×16	350	
220 (221)	5×11	140	6.3×11	170	6.3×11	190	8×11.5	250	8×11.5	290	10×12.5	340	10×16	450	12.5×20	550	
330 (331)	6.3×11	170	6.3×11	210	8×11.5	270	8×11.5	360	10×12.5	385	10×16	455	10×20	550	16×25	700	
470 (471)	6.3×11	235	8×11.5	295	8×11.5	325	10×12.5	430	10×16	505	10×20	630	12.5×20	750	16×31.5	900	
1000 (102)	8×11.5	400	10×12.5	510	10×16	615	10×20	750	12.5×20	900	12.5×25	1050	16×25	1100	18×40	1300	
2200 (222)	10×16	750	10×20	870	12.5×20	1000	12.5×25	1200	16×25	1250	16×31.5	1250	18×35.5	1400			
3300 (332)	10×20	960	12.5×20	1090	12.5×25	1200	16×25	1300	16×31.5	1400	18×35.5	1300					
4700 (472)	12.5×20	1170	12.5×25	1200	16×25	1360	16×31.5	1500	18×35.5	1600							
6800 (682)	12.5×25	1270	16×25	1400	16×31.5	1600	18×35.5	1750									
10000 (103)	16×25	1450	16×31.5	1600	18×35.5	1800											
15000 (153)	16×31.5	1700	18×35.5	1850													
22000 (223)	18×35.5	1900															

■品番ご指定法/ HOW TO SPECIFY ITEM NUMBER

