●85℃標準品

UTESシリーズ

JIS C5101
CE-04
（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。

●85℃ STANDARD TYPE

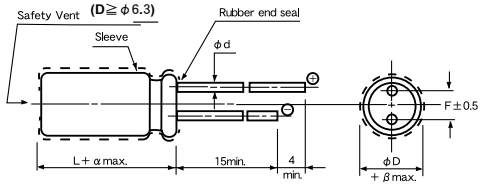
TYPE UTES

JIS C5101
CE-04
(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.

■寸法図/DIAGRAM OF DIMENSIONS



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℃～＋85℃
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 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)	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 When the capacitance exceed 1,000μF, the value of tan δ is increased by 0.02 for each increment of 1,000μF or its fraction.
耐久性 85℃ 2000時間 定格使用電圧印加	ENDURANCE APPLICATION OF RATED OPERATING VOLTAGE, AT 85℃ FOR 2000HOURS.	CAPACITANCE CHANGE : LESS THAN 20% OF THE INITIAL MEASURED VALUE. DISSIPATION FACTOR : LESS THAN 200% OF THE INITIAL SPECIFIED VALUE. LEAKAGE CURRENT : LESS THAN THE INITIAL 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.)	W. V: 6.3 / 10 / 16 / 25 / 35 / 50 / 63 / 100 Z−25℃/Z+20℃: 5 / 4 / 3 / 2 / 2 / 2 / 2 / 2 Z−40℃/Z+20℃: 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℃ 120Hz.

μF \ W.V	6.3 (0J) φD×L	Ripple current	10 (1A) φD×L	Ripple current	16 (1C) φD×L	Ripple current	25 (1E) φD×L	Ripple current	35 (1V) φD×L	Ripple current	50 (1H) φD×L	Ripple current	63 (1J) φD×L	Ripple current	100 (2A) φD×L	Ripple current
1.0 (010)											5×11	10	5×11	11	5×11	15
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

0J UTES □□ 330 M □

- 付記コード／Additional Code
- 静電容量許容差／Capacitance Tolerance
- 静電容量記号／Capacitance Symbol
- 形状記号／Style Symbol
- シリーズ名／Series Name
- 定格電圧／Rated Voltage