●広使用温度範囲125℃品

UTCZシリーズ JIS C5101 CE-04

（基板洗浄タイプではありません）

●WIDE OPERATING TEMP. RANGE TYPE 125℃ USE

TYPE UTCZ JIS C5101 CE-04

(Unsuitable washing product)

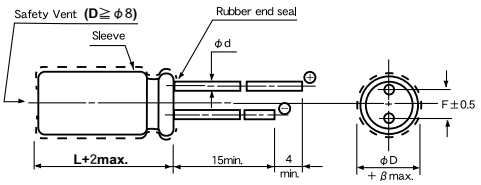
■特　徴

・UTCZシリーズは、広温度範囲（－40～＋125℃）で極めて安定した性能をもつ製品です。
・苛酷な使用条件が要求される自動車電装機器、通信機器、各種産業用機器等に最適です。

■FEATURES

・The UTCZ series constitutes products which show extraordinary stabilization in performance at a wide temperature range of －40 to ＋125℃.
・This series is most suitable for use in automobile electric devices, communications equipment and various types of industrial machinery and equipment which are subjected to rigorous using conditions.

■寸法図/DIAGRAM OF DIMENSIONS



Unit : mm

φD	8	10	12.5	16
φd	0.6	0.6	0.6	0.8
F	3.5	5.0	5.0	7.5
β	0.5		1.0	

■性　能/PERFORMANCE SPECIFICATIONS

カテゴリ温度範囲	CATEGORY TEMPERATURE RANGE	－40℃～＋125℃
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: 10, 16, 25, 35, 50, 63 tan δ: 0.20, 0.16, 0.14, 0.12, 0.10, 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 125℃ 2000時間 定格使用電圧印加 (但し、φ8は1000時間)	ENDURANCE APPLICATION OF RATED OPERATING VOLTAGE, AT 125℃ FOR 2000HOURS. (φ8=1000hr)	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 / －25℃/＋20℃ / －40℃/＋20℃ / W.V / －25℃/＋20℃ / －40℃/＋20℃ 10 / 3 / 4 / 35 / 2 / 4 16 / 2 / 4 / 50 / 2 / 4 25 / 2 / 4 / 63 / 2 / 4
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〕at 125℃ 120Hz.

W.V / μF	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
2.2 (2R2)									8×11.5	22		
3.3 (3R3)									8×11.5	27		
4.7 (4R7)									8×11.5	32		
10 (100)									8×11.5	47		
22 (220)									8×11.5	70		
33 (330)									8×11.5	85		
47 (470)									8×11.5	105	10×12.5	120
100 (101)					8×11.5	125			10×12.5	180	10×16	200
220 (221)	8×11.5	155			10×12.5	220	10×16	260	10×20	320	12.5×20	360
330 (331)			10×12.5	250	10×16	300	10×20	350	12.5×20	430	12.5×25	480
470 (471)	10×12.5	270	10×16	330	10×20	390	12.5×20	470	12.5×25	570	16×25	650
1000 (102)	10×20	470	12.5×20	590	12.5×25	700	16×25	850	16×31.5	1030		
2200 (222)	12.5×25	820	16×25	1030	16×31.5	1210						
3300 (332)	16×25	1090	16×31.5	1330								
4700 (472)	16×31.5	1390										

■品番ご指定法／HOW TO SPECIFY ITEM NUMBER

1C UTCZ □□ 221 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

・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.