

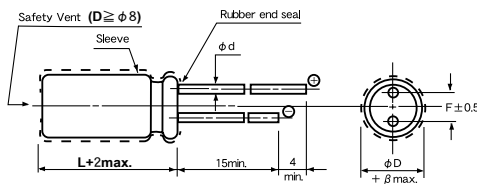
●広使用温度範囲125℃品

**UTCZシリーズ** JIS C5101  
CE-04  
(基板洗浄タイプではありません)

■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。

■寸法図/DIAGRAM OF DIMENSIONS



●WIDE OPERATING TEMP. RANGE TYPE 125℃ USE

**TYPE UTCZ** JIS C5101  
CE-04  
(Unsuitable washing product)

■FEATURES

- ・ The UTCZ series constitutes products which show extraordinary stabilization in performance at a wide temperature range of -40 to +125°C.
- ・ 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.

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	

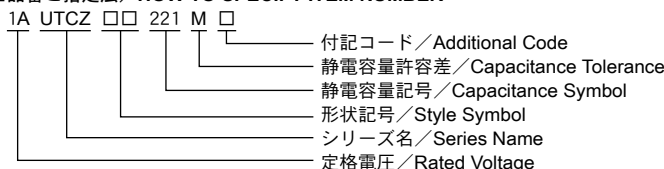
■性能/PERFORMANCE SPECIFICATIONS

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 1,000 μF, the value of tan δ is increased by 0.02 for each increment of 1,000 μF or its fraction.								
耐久性 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.

μF	W.V	10 (1A)		16 (1C)		25 (1E)		35 (1V)		50 (1H)		63 (1J)	
		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)										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	160	10×12.5	180	10×16	200
220 (221)		8×11.5	155	10×12.5	210	10×12.5	220	10×16	260	10×20	320	12.5×20	360
330 (331)		10×12.5	220	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



・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.