

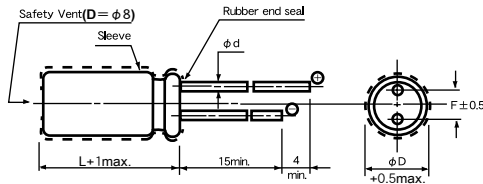
●高さ7mm標準品

**UTCMシリーズ** JIS C5101  
**UTCMSシリーズ** CE-04 (耐洗浄品)

■特徴

- ・高さ寸法を7mmに統一し外径φ4のものからあります。このため機器の実装密度が高くできてセットの小形化に役立ちます。
- ・自動化ラインで製造されバラツキが少なく高信頼性をもった製品です。
- ・電気特性も優れており、一般民生用機器の他に産業用機器にも充分ご使用頂けます。
- ・自動挿入機用テーピング製品及び自立形フォーミング製品も取り揃えております。
- ・UTCMSはUTCMをさらに小形化したシリーズです。

■寸法図/DIAGRAM OF DIMENSIONS



●7mm HEIGHT STANDARDIZED TYPE

**TYPE UTCM** JIS C5101  
**TYPE UTCMS** CE-04 (Washable product)

■FEATURES

- ・ Height dimension is standardized to 7mm, and products of an outside diameter from 4φ are available. This small height enables dense actual mounting of capacitors on equipment and are useful to make the equipment more smaller or thinner.
- ・ These products are of high reliability with less dispersion produced under fully automated production lines.
- ・ Electrical performances are also excellent and this type products are sufficiently used for industrial equipment besides for general domestic appliances.
- ・ Capacitors with taped leads for automatic insertion and selfstanding type capacitors with formed leads are also available.
- ・ UTCMS is a series which is a subminiature of UTCM.

Unit : mm

φD	4	5	6.3	8
φd	0.45	0.45	0.45	0.45
F	1.5	2.0	2.5	3.5

■性能/PERFORMANCE SPECIFICATIONS

カテゴリー温度範囲	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 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)	<table border="1"> <tr> <td>W.V</td> <td>4</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> </tr> <tr> <td>tan δ</td> <td>0.35</td> <td>0.25</td> <td>0.20</td> <td>0.17</td> <td>0.15</td> <td>0.13</td> <td>0.10</td> </tr> </table>	W.V	4	6.3	10	16	25	35	50	tan δ	0.35	0.25	0.20	0.17	0.15	0.13	0.10														
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耐久性 85°C 1000時間 定格使用電圧印加	ENDURANCE APPLICATION OF RATED OPERATING VOLTAGE, AT 85°C FOR 1000HOURS.	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°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>-25°C/+20°C</td> <td>-40°C/+20°C</td> <td>W.V</td> <td>-25°C/+20°C</td> <td>-40°C/+20°C</td> </tr> <tr> <td>4</td> <td>7</td> <td>15</td> <td>25</td> <td>2</td> <td>4</td> </tr> <tr> <td>6.3</td> <td>4</td> <td>10</td> <td>35</td> <td>2</td> <td>4</td> </tr> <tr> <td>10</td> <td>3</td> <td>8</td> <td>50</td> <td>2</td> <td>3</td> </tr> <tr> <td>16</td> <td>2</td> <td>6</td> <td></td> <td></td> <td></td> </tr> </table>	W.V	-25°C/+20°C	-40°C/+20°C	W.V	-25°C/+20°C	-40°C/+20°C	4	7	15	25	2	4	6.3	4	10	35	2	4	10	3	8	50	2	3	16	2	6			
W.V	-25°C/+20°C	-40°C/+20°C	W.V	-25°C/+20°C	-40°C/+20°C																											
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6.3	4	10	35	2	4																											
10	3	8	50	2	3																											
16	2	6																														
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		4 (0G)		6.3 (0J)		10 (1A)		16 (1C)		25 (1E)		35 (1V)		50 (1H)	
	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
1.0 (010)															4×7	10
2.2 (2R2)															4×7	16
3.3 (3R3)															4×7	18
4.7 (4R7)											4×7	21	4×7	22	5×7 (4×7)	23
10 (100)								4×7	28	5×7 (4×7)	28	5×7 (4×7)	30	6.3×7 (5×7)	35	
22 (220)			4×7	29	5×7 (4×7)	35	5×7 (4×7)	39	6.3×7 (5×7)	55	6.3×7 (5×7)	60	6.3×7 (5×7)	65	6.3×7	60
33 (330)	4×7	22	5×7 (4×7)	38	5×7 (4×7)	43	6.3×7 (5×7)	70	6.3×7	65	6.3×7	85	8×7	75		
47 (470)	4×7	34	5×7 (4×7)	46	6.3×7 (5×7)	65	6.3×7 (5×7)	70	6.3×7	85	8×7	85				
100 (101)	5×7	61	6.3×7 (5×7)	71	6.3×7	80	6.3×7	91	8×7	100						
220 (221)	6.3×7	82	6.3×7	103	8×7 (6.3×7)	120	8×7	130								
330 (331)	8×7	110	8×7	130												
470 (471)	8×7	140														

( ) 内はUTCMSシリーズとなります。

■品番ご指定法/HOW TO SPECIFY ITEM NUMBER

