

●高さ7mm 105°C

UTCMDシリーズ JIS C5101 CE-04

■特徴

- ・公称高さ寸法7mmのシリーズで使用温度範囲を-40~+105°Cと広くした製品です。
- ・小形産業用機器にご使用頂くのに最適な製品です。

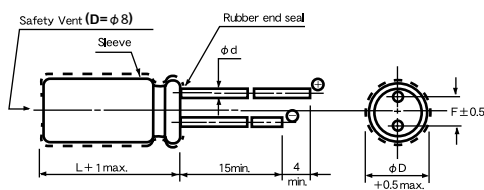
●7mm HEIGHT TYPE 105°C USE

TYPE UTCMD JIS C5101 CE-04

■FEATURES

- ・ Authorized height dimension is standardized to 7 mm, and these are highly stabilized aluminium electrolytic capacitors with a wide operating temperature range of -40°C to +105°C.
- ・ These capacitors are very suitable to use for small size industrial apparatus not only for general domestic one.

■寸法図/DIAGRAM OF DIMENSIONS



φD	4	5	6.3	8
φd	0.45	0.50	0.50	0.50
F	1.5	2.0	2.5	3.5

■性能/PERFORMANCE SPECIFICATIONS

カテゴリ温度範囲	Category Temperature Range	-40 ~ +105°C						
標準静電容量許容差	Standrd Capacitance Tolerance	-20 ~ +20% (20°C, 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) I: leakage Current(μA), C:Rated Capacitance(μF), V: Rated Voltage(V)						
損失角の正接 (最大値) tan δ (20°C, 120Hz)	Dissipation Factor (Max.Value) tan δ (20°C, 120Hz)	W.V	6.3	10	16	25	35	50
		tan δ	0.25	0.21	0.17	0.15	0.13	0.10
耐久性 105°C 1000時間 定格電圧印加	Endurance Application of rated operating voltage at 105°C for 1000 hours.	Capacitance Change	Within ±20% of the initial value					
		Dissipation Factor	Less than 200% of the initial specified value					
		Leakage Curreent	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.)	インピーダンス比/ Impedance ratio (at 120Hz)						
		W.V	6.3	10	16	25	35	50
		Z(-25°C)/Z(+20°C)	4	3	3	2	2	2
		Z(-40°C)/Z(+20°C)	10	8	6	4	4	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 r.m.s.] at 105°C 120Hz.

Cap.(μF)	6.3 (0J)		10 (1A)		16 (1C)		25 (1E)		35 (1V)		50 (1H)	
	φD×L	mA	φD×L	mA	φD×L	mA	φD×L	mA	φD×L	mA	φD×L	mA
2.2 (2R2)											4×7	15
3.3 (3R3)											4×7	18
4.7 (4R7)									4×7	20	5×7	23
10 (100)					4×7	25			5×7	30	6.3×7	34
22 (220)	4×7	31			5×7	39					6.3×7	50
33 (330)			5×7	43					6.3×7	60	8×7	72
47 (470)	5×7	47					6.3×7	63	8×7	88		
100 (101)					6.3×7	85	8×7	106				
220 (221)	6.3×7	85			8×7	115						
330 (331)	8×7	120										

■品番ご指定法/HOW TO SPECIFY NUMBER

