

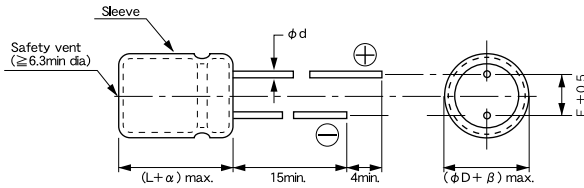
●高リップル・長寿命品 (105℃)

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

■特徴

- ・電子バラスト、電源入力平滑用などに最適
- ・105℃ 12,000時間を保証。

■寸法図/DIAGRAM OF DIMENSIONS



●HIGH RIPPLE CURRENT & LONG LIFE TYPE (105℃)

TYPE UCWBA JIS C5101 CE-04
(Unsuitable washing product)

■FEATURES

- ・ For Electronic Ballast, Power Supply etc.
- ・ This product is the guaranteed service life of 12,000 hours at 105℃.

Unit : mm

ΦD	10	12.5	16	18
φd	0.6	0.6	0.8	0.8
F	5.0	5	7.5	7.5
α	L<20 : α=1.5, L≥20 : α=2			
β	0.5	1.0	1.0	1.0

■性能/PERFORMANCE SPECIFICATIONS

カテゴリー温度範囲	CATEGORY TEMPERATURE RANGE	160~400V : -40℃~+105℃, 420~450V : -25℃ ~ +105℃					
標準静電容量許容差	STANDARD CAPACITANCE TOLERANCE	-20 ~ +20% (20℃, 120Hz)					
漏れ電流 (最大値)	LEAKAGE CURRENT (MAX. VALUE)	I=0.02CV or 10μA 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)	DISSIPATION FACTOR (MAX.VALUE) (tan δ)	W.V	160~250V	350~450V	(20℃, 120Hz)		
		tan δ	0.20	0.25			
耐久性能	ENDURANCE	After applying rated voltage for 12,000 hrs (≦20L 10,000hrs) at 105℃, the capacitors shall meet the following requirements.					
		Capacitance Change	Within ±20% of the initial 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.)	インピーダンス比/ Impedance ratio (at 120Hz)					
		W.V	200	250	350	400	400
		Z(-25℃)/Z(+20℃)	3	3	5	5	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.					

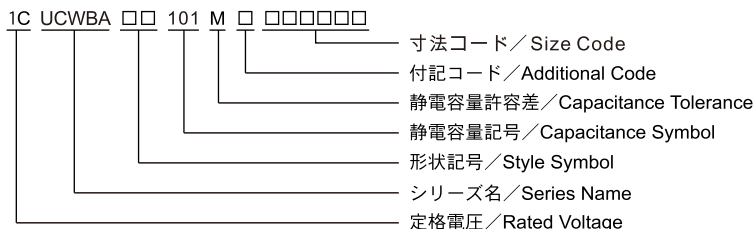
■定格リップル電流補正係数

リップル周波数が標準品一覧表の規定値と異なる場合には、下表の係数を乗じた値以下でご使用下さい。
When the ripple frequency differs from the spicification shown in the list of standard products, multiply the value with the coefficient shown below, and use the products under the obtained value.

周波数補正係数/ FREQUENCY CORRECTION FACTOR

	Frequency (Hz)					
	50	120	300	1k	10k	100k
Frequency Coefficient	0.60	1.00	1.20	1.60	1.60	2.00

■品番指定法/ HOW TO SPECIFY ITEM NUMBER



■寸法表/CASE SIZE TABLE

■Ripple Current [Max.Value mA] at 105°C 120Hz

W.V. (VDC)	Cap. (μ F)	ϕ D×L (mm)	Ripple (mA)
200	27	10×16	195
	39	10×20	250
	56	10×25	330
	68	10×30	390
	68	12.5×20	385
	100	10×35	500
	100	12.5×25	550
	120	10×40	570
	120	10×45	590
	120	12.5×30	600
	120	16×20	610
	150	10×50	690
	150	12.5×35	700
	180	12.5×40	800
	180	16×25	820
	180	18×20	820
	220	12.5×45	1000
	220	16×31.5	950
	220	18×25	950
	270	16×35.5	1100
330	16×40	1300	
330	18×31.5	1300	
390	16×45	1400	
390	18×35.5	1400	
470	16×50	1600	
470	18×40	1600	
560	18×50	1750	
250	22	10×16	185
	33	10×20	240
	47	10×25	315
	56	12.5×20	430
	68	10×35	430
	82	10×40	495
	82	12.5×25	500
	82	16×20	600
	100	10×50	585
	100	12.5×35	600
	120	12.5×40	700
	120	16×25	755
	120	18×20	730
	150	12.5×45	900
	150	16×31.5	900
	180	12.5×50	1000
	180	18×25	900
	220	16×35.5	1050
	220	18×31.5	1100
	270	16×45	1310
270	18×35.5	1300	
330	16×50	1475	
330	18×40	1460	
390	18×50	1600	

W.V. (VDC)	Cap. (μ F)	ϕ D×L (mm)	Ripple (mA)
400	10	10×16	125
	15	10×20	170
	22	10×25	215
	27	10×30	255
	27	12.5×20	280
	33	10×35	300
	39	10×40	340
	39	12.5×25	350
	47	12.5×30	455
	47	16×20	435
	56	10×50	440
	56	12.5×35	480
	56	18×20	480
	68	12.5×40	600
	68	16×25	570
	82	12.5×45	680
	82	16×31.5	670
	82	18×25	640
	100	16×35.5	760
	120	16×40	860
120	18×31.5	840	
150	16×50	990	
150	18×40	985	
180	18×45	1090	
220	18×50	1200	
450	6.8	10×16	105
	12	10×20	150
	15	10×25	185
	18	10×30	215
	22	10×35	250
	22	12.5×20	230
	27	10×40	290
	27	12.5×25	300
	33	10×45	320
	33	12.5×30	320
	33	16×20	320
	39	10×50	375
	39	12.5×35	400
	47	12.5×40	525
	47	16×25	500
	47	18×20	380
	56	12.5×45	590
	56	16×31.5	585
	68	12.5×50	670
	68	16×35.5	660
68	18×25	480	
82	16×40	750	
82	18×31.5	730	
100	16×50	855	
100	18×35.5	835	
120	18×40	930	
150	18×50	1050	

・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 table.