

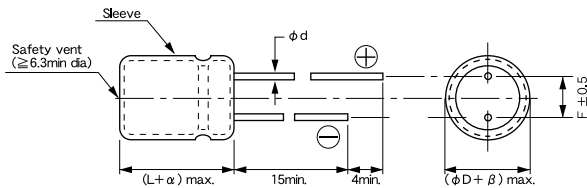
●高リップル・長寿命品 (105°C)

UCWBX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°C 10,000時間を保証。

■寸法図/DIAGRAM OF DIMENSIONS



●HIGH RIPPLE CURRENT & LONG LIFE TYPE (105°C)

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

■FEATURES

- ・ For Electronic Ballast, Power Supply etc.
- ・ This product is the guaranteed service life of 10,000 hours at 105°C.

Unit : mm

φD	10	12.5	16	18
φd	0.6	0.6	0.8	0.8
F	5.0	5.0	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	200~400V:-40°C~+105°C, 450V:-25°C~+105°C				
標準静電容量許容差	STANDARD CAPACITANCE TOLERANCE	-20%~+20% (20°C, 120Hz)				
漏れ電流 (最大値)	LEAKAGE CURRENT (MAX. VALUE)	I=0.02CV OR 10 μA WHICHEVER IS THE GREATER (after 2 minutes) I : IEAKAGE 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	200~250V	400~450V	(20°C, 120Hz)	
		tan δ	0.20	0.25		
耐久性	ENDURANCE	After applying rated voltage with rated ripple current for 10,000 hrs (φ10 : 8,000 hrs) at 105°C, 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°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	200	250	400	450
		Z(-25°C)/Z(+20°C)	3	3	6	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

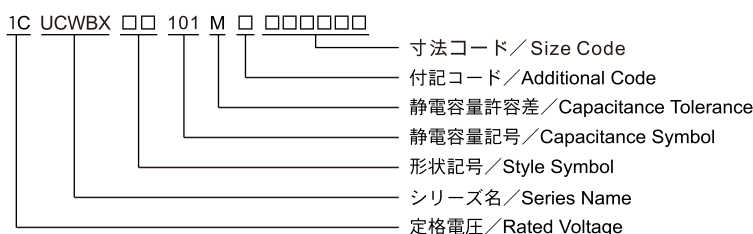
リップル周波数が標準品一覧表の規定値と異なる場合には、下表の係数を乗じた値以下でご使用下さい。

When the ripple frequency differs from the specification 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	1.80	2.00

■品番ご指定法/HOW TO SPECIFY ITEM NUMBER



■寸法表/CASE SIZE TABLE
■Ripple Current [Max.Value mA] at 105°C 120Hz

W.V (vdc)	Cap (μF)	(μF) ΦD×L (mm)	Ripple
200	22	10 × 20	200
	27	10 × 16	245
	33	10 × 20	260
	39	10 × 20	320
	47	12.5 × 20	390
	56	10 × 25	410
	68	10 × 30	470
	68	12.5 × 20	470
	82	10 × 35	540
	82	12.5 × 25	540
	82	16 × 20	550
	100	10 × 40	620
	100	16 × 20	630
	120	10 × 45	710
	120	12.5 × 30	700
	120	16 × 20	690
	150	12.5 × 35	840
	150	16 × 25	840
	150	18 × 20	830
	180	12.5 × 40	950
220	12.5 × 50	1090	
220	16 × 31.5	1080	
220	18 × 25	1050	
220	18 × 31.5	1050	
270	16 × 35.5	1250	
270	18 × 31.5	1230	
330	18 × 35.5	1430	
390	18 × 40	1600	
250	22	10 × 16	140
	22	10 × 20	200
	27	10 × 20	220
	33	12.5 × 20	320
	39	10 × 25	300
	47	10 × 30	350
	47	12.5 × 20	390
	56	10 × 35	420
	68	10 × 40	480
	68	12.5 × 25	470
	68	16 × 20	520
	82	10 × 45	510
	82	12.5 × 30	510
	82	16 × 20	550
	100	12.5 × 35	680
	100	16 × 25	600
	100	18 × 20	650
	120	12.5 × 40	730
	120	16 × 25	720
	150	12.5 × 50	860
150	16 × 31.5	860	
150	18 × 25	860	
180	16 × 35.5	1000	
180	18 × 31.5	950	
220	18 × 35.5	1130	
270	18 × 40	1350	
400	10	10 × 16	110
	10	10 × 20	140
	15	10 × 20	150
	15	12.5 × 20	220
	18	10 × 25	170
	22	10 × 30	200
	22	12.5 × 20	260
27	10 × 35	250	

W.V (vdc)	Cap (μF)	(μF) ΦD×L (mm)	Ripple
400	27	12.5 × 20	240
	33	10 × 40	300
	33	12.5 × 25	290
	33	16 × 20	360
	39	10 × 45	340
	39	12.5 × 30	330
	39	16 × 20	330
	47	10 × 50	390
	47	12.5 × 35	400
	47	16 × 25	470
	47	18 × 20	450
	56	12.5 × 40	500
	56	16 × 25	470
	56	18 × 20	450
	68	12.5 × 45	560
	68	16 × 31.5	540
	68	18 × 25	585
	82	12.5 × 50	630
	82	18 × 25	585
	82	18 × 31.5	610
100	16 × 35.5	760	
100	18 × 31.5	765	
120	18 × 31.5	765	
120	18 × 35.5	865	
150	18 × 40	950	
450	6.8	10 × 16	90
	6.8	10 × 20	110
	10	12.5 × 20	180
	12	10 × 20	130
	15	10 × 25	150
	15	12.5 × 25	240
	18	10 × 30	190
	22	10 × 35	230
	22	12.5 × 20	230
	22	16 × 20	290
	27	10 × 40	280
	27	12.5 × 25	270
	33	10 × 45	320
	33	12.5 × 30	320
	33	16 × 20	310
	33	16 × 25	390
	33	18 × 20	380
	39	10 × 50	370
	39	12.5 × 35	370
	47	12.5 × 40	400
47	16 × 25	390	
47	18 × 20	380	
47	18 × 25	480	
56	12.5 × 45	500	
56	16 × 31.5	500	
68	12.5 × 50	600	
68	16 × 35.5	600	
68	18 × 25	480	
68	18 × 31.5	630	
82	18 × 31.5	650	
82	18 × 35.5	715	
100	18 × 35.5	715	
100	18 × 40	800	
120	18 × 40	880	

・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.