

●中高压105°C品

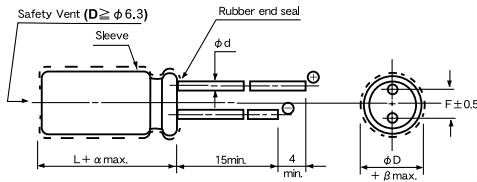
**UCWHM**シリーズ

JIS C5101  
CE-04

■特 徴

- ・ 105°C ラジアルリードタイプの中高压品です。
- ・ 小形産業機器用に最適な製品です。

■寸法図/DIAGRAM OF DIMENSIONS



●MEDIUM AND HIGH VOLTAGE PRODUCTS 105°C USE

**TYPE UCWHM**

JIS C5101  
CE-04

■FEATURES

- ・ Medium and High-Voltage Product of radial-Lead Type to be used at 105°C
- ・ For small industrial machineries and apparatus.

Unit : mm

φD	6.3	8	10	12.5	16	18
φd	0.5	0.6	0.6	0.6	0.8	0.8
F	2.5	3.5	5.0	5.0	7.5	7.5
β	0.5			1.0		

L < 20 α = 1.5  
L ≥ 20 α = 2

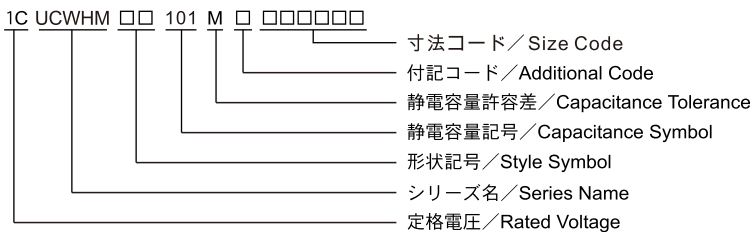
■性 能/PERFORMANCE SPECIFICATIONS

カテゴリ温度範囲	CATEGORY TEMPERATURE RANGE	(160V~250V) -40°C~+105°C	(350V~450V) -25°C~+105°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=0.03CV OR 10μA 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	160~250 350~450
		tan δ	0.20 0.25
耐久 性 105°C 2000時間 定格使用電圧印加	ENDURANCE APPLICATION OF RATED OPERATING VOLTAGE, AT 105°C FOR 2000HOURS.	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.)	W. V	-25°C/+20°C -40°C/+20°C
		160~250	3 6
		350~400	6
		450	15
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	

■定格リップル電流周波数補正係数

CAP.	60Hz	120Hz	500Hz	1kHz	10kHz ≤
≤47 μF	0.80	1.00	1.20	1.30	1.50
47 μF <	0.80	1.00	1.10	1.15	1.20

■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)	ΦD×L (mm)	Ripple
160	1.0	6.3 × 11	15
	2.2	6.3 × 11	21
	3.3	6.3 × 11	28
	4.7	6.3 × 11	34
	10	10 × 12.5	60
	22	10 × 16	74
	33	10 × 20	145
	47	12.5 × 20	195
	100	16 × 25	290
	220	16 × 35.5	540
330	18 × 35.5	700	
200	1.0	6.3 × 11	15
	2.2	6.3 × 11	21
	3.3	6.3 × 11	28
	4.7	8 × 11.5	39
	6.8	8 × 11.5	41
	10	8 × 11.5	50
	10	10 × 12.5	60
	10	10 × 16	74
	15	10 × 16	82
	22	10 × 20	120
	33	10 × 20	160
	33	12.5 × 20	175
	47	12.5 × 20	195
	68	16 × 20	265
	68	16 × 25	270
	100	16 × 20	270
	100	16 × 25	335
	150	16 × 31.5	420
	220	16 × 31.5	415
	220	16 × 35.5	500
220	18 × 25	405	
220	18 × 35.5	575	
330	18 × 31.5	500	
330	18 × 40	630	
250	1.0	6.3 × 11	15
	2.2	6.3 × 11	23
	3.3	8 × 11.5	32
	4.7	8 × 11.5	39
	10	10 × 16	74
	22	12.5 × 20	130
	33	12.5 × 20	160
	47	12.5 × 20	210
	47	12.5 × 25	230
	47	16 × 25	250
	100	16 × 25	335
	100	16 × 31.5	365
	150	18 × 25	405
	220	18 × 35.5	510
	220	18 × 40	585
	330	18 × 40	700
350	1.0	6.3 × 11	15
	2.2	8 × 11.5	26
	3.3	10 × 12.5	38
	4.7	10 × 16	50
	10	10 × 20	80

W.V (vdc)	Cap (μF)	ΦD×L (mm)	Ripple	
350	22	12.5 × 20	130	
	33	16 × 25	195	
	47	16 × 25	230	
	100	18 × 31.5	375	
	1.0	6.3 × 11	15	
400	2.2	8 × 11.5	29	
	3.3	8 × 11.5	29	
	3.3	10 × 12.5	40	
	4.7	10 × 12.5	60	
	4.7	10 × 16	70	
	6.8	10 × 12.5	60	
	6.8	10 × 16	80	
	8.2	10 × 16	90	
	10	10 × 16	100	
	10	10 × 20	120	
	15	10 × 20	120	
	22	12.5 × 20	140	
	22	12.5 × 25	180	
	33	12.5 × 25	205	
	33	16 × 20	205	
	33	16 × 25	300	
	39	16 × 20	300	
	47	16 × 25	305	
	47	16 × 31.5	330	
	47	18 × 20	305	
	56	16 × 25	305	
	68	16 × 31.5	450	
	68	18 × 25	440	
	68	18 × 35.5	560	
	82	16 × 31.5	470	
	82	16 × 35.5	540	
	82	18 × 31.5	540	
	100	18 × 31.5	560	
	100	18 × 35.5	580	
	100	18 × 40	600	
	120	18 × 35.5	620	
	120	18 × 40	700	
	150	18 × 40	750	
	450	2.2	10 × 12.5	23
		3.3	10 × 16	31
		4.7	10 × 16	35
		4.7	10 × 20	40
		10	12.5 × 20	140
		22	16 × 20	250
		22	16 × 25	260
33		16 × 31.5	320	
47		16 × 31.5	330	
47		16 × 35.5	350	
68		18 × 31.5	450	
68		18 × 35.5	470	
82		18 × 35.5	530	
82		18 × 40	570	
100	18 × 40	630		
120	18 × 40	650		

・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.