

●中高压105°C品

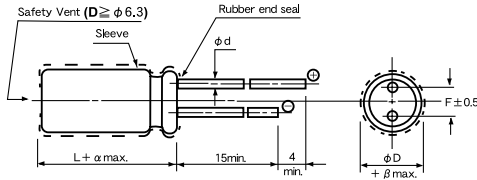
UCWHSシリーズ

JIS C5101
CE-04

■特 徴

- ・ 105°C ラジアルリードタイプの高压品です。
- ・ 急速充電専用製品。

■寸法図/DIAGRAM OF DIMENSIONS



●MEDIUM AND HIGH VOLTAGE PRODUCTS 105°C USE

TYPE UCWHS

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.

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

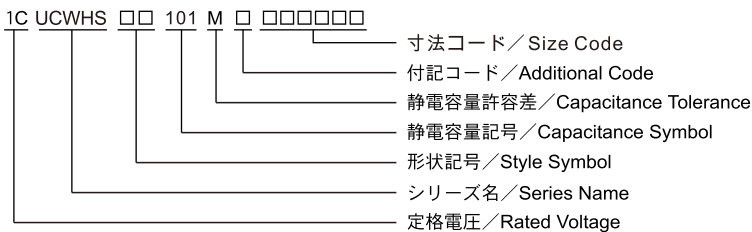
■性 能/PERFORMANCE SPECIFICATIONS

カテゴリ温度範囲	CATEGORY TEMPERATURE RANGE	- 40°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 10 μA 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	400	450	500
		tan δ	0.15	0.18	0.20
耐久 性 105°C 3000時間 定格使用電圧印加 (φD ≤ 6.3 : 2000時間)	ENDURANCE APPLICATION OF RATED OPERATING VOLTAGE, AT 105°C FOR 3000 HOURS	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	400	450	500
		- 40°C / + 20°C	7	9	9
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

Frequency	50	120	1K	10-50K	100K
Coefficient	0.4	0.5	0.8	0.9	1.0

■品番ご指定法/ HOW TO SPECIFY ITEM NUMBER



■寸法表/CASE SIZE TABLE

■Impedance[Max.Value Ω] at 25°C 100kHz

■Ripple Current [Max.Value mA] at 105°C 100kHz

W.V (Vdc)	Cap. (μF)	φ D × L (mm)	Impedance	Ripple Current
400	4.7	6.3x12	9.60	116
	6.8	6.3x13	8.40	128
	8.2	6.3x15	7.50	171
	10	8x11.5	5.40	190
	12	8x13	4.20	230
	15	8x15	4.00	260
	18	8x17	3.20	295
	22	10x13.5	3.10	314
	22	8x18	3.10	314
	27	10x15	3.00	370
	33	10x18	2.50	440
	47	10x23	2.20	562
	47	13x19	1.98	616
	68	16x20	1.40	1000
	82	18x20	1.08	1180
	100	18x25	0.90	1318
450	4.7	6.3x16	15.7	111
	4.7	8x10	15.7	111
	6.8	10x10	12.8	128
	8.2	8x13	9.27	163
	10	8x15	8.21	190
	10	10x11	8.21	190
	12	10x13	6.38	228
	15	10x13.5	6.08	251
	18	10x15	5.78	295
	22	10x17	5.48	314
	27	10x20	4.56	370
	33	10x35	3.26	440
	47	10x45	2.71	616
	68	10x50	1.64	1000
	82	16x25	1.37	1178
	100	18x25	1.08	1226

W.V (Vdc)	Cap. (μF)	φ D × L (mm)	Impedance	Ripple Current
500	4.7	6.3x16	17.5	80
	4.7	8x10	17.5	80
	6.8	10x10	15.3	88
	8.2	10x10	11.13	110
	10	10x13	9.85	145
	12	10x13.5	7.66	206
	15	10x15	7.30	220
	18	10x17	6.78	240
	22	12.5x17	5.65	312
	27	10x23	5.47	348
	33	12.5x20	4.28	400
	47	16x20	3.25	560
	68	18x20	2.30	800
	82	18x25	1.97	968