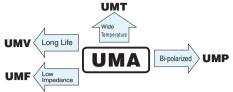
5mmL, Standard, For General Purposes



- •Standard series with 5mm height.
- Compliant to the RoHS directive (2011/65/EU).

Values marked with an ¾ in the dimension table are scheduled to be discontinued and are not recommended for new designs.

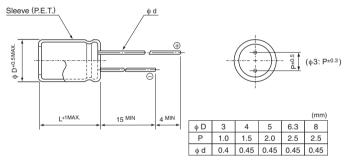




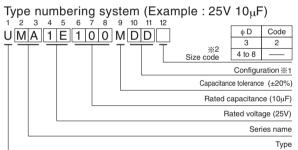
■Specifications

- Specifications			V									
Item	Performance Characteristics Range -40 to +85°C											
Category Temperature Range												
Rated Voltage Range	4 to 50V	4 to 50V										
Rated Capacitance Range	0.1 to 470µF	0.1 to 470μF										
Rated Capacitance Tolerance	ance Tolerance ±20% at 120Hz, 20°C											
Leakage Current	After 2 minutes' application of rated voltage at 20°C, leakage current is not more than 0.01CV or 3(µA), whichever is gr							ver is greater.				
	Measurement frequency : 120Hz at 20°C							-				
Tangent of loss angle (tan δ)	Rated voltage (V)	4	6.	.3	10	16	25	5	35	50	Figures in () are for
	tan δ (MAX.)	0.35	0.24 ((0.30) 0.2	0 (0.24)	0.16 (0.20)	0.14 (0	0.12	2 (0.16) 0.1	0 (0.13)	UMR.	
	Measurement frequency : 120Hz											
Stability at Low Temperature	Rated vo	ltage (V)		4	6.3	10	16	25	35	50		
	Impedance ratio	Z-25°C / Z		7	4	3	2	2	2	2	_	
	ZT / Z20 (MAX.)	Z-40°C / Z	2+20°C	15	8	6	4	4	3	3		
	The specifications listed at right shall be met Capacitance change Within ±20% of the initial capacitance value (LIMR & à 3 product : Within ±25									4 · M/H-i- · OFO/)		
Fadiment	when the capacito				Capacitance change tan δ			Within ±20% of the initial capacitance value (UMR & φ 3 product : Within ±25%) 200% or less than the initial specified value				
Endurance	the rated voltage is applied for 2000 hours at											
	85°C. Leakage current Less than or equal to the initial specified value											
Shelf Life	After storing the capacitors under no load at 85°C for 1000 hours and then performing voltage treatment based on JIS C 5101-4 clause 4.1 at 20°C, they shall meet the specified values for the endurance characteristics listed above.						S C 5101-4					
Marking	Printed with white c	olor letter on	black sl	eeve.								

■Radial Lead Type



• Please refer to page 20 about the end seal configuration.



1 Configuration

φD	Pb-free leadwire Pb-free PET sleeve
3	CD
4 to 8	DD

■Dimensions

₩ 2 In case at	φ3 units nut	2 as size code
	ψ 5 uriits, put	L as size code

	V	4		6.3		10		16		25		35		50	
Cap.(μF)	Code	0G		0J		1A		1C		1E		1V	'	1H	Ī
0.1	0R1		l I		!		!		!		!		!	% 4×5(3×5)	1.0(1.0)
0.22	R22		i		i		i		i		i		i	¾ 4×5(3×5)	2.0(2.0)
0.33	R33		l I		l I		I I				I I		1	¾ 4×5(3×5)	2.8(2.8)
0.47	R47												!	% 4×5(3×5)	4.0 (4.0)
1	010		i		i		i		i		i		i	4×5(3×5)	8.4(8.0)
2.2	2R2		l I		I I		l I				I I	3×5	8.4	• 4×5	13(10)
3.3	3R3									3×5	10	• 4×5	15(10)	4×5	17
4.7	4R7				i		i	3×5	10	• 4×5	16(12)	4×5	18	5×5	20
10	100		 	3×5	15		!	• 4×5	23(18)	5×5	27	5×5	29	6.3×5	33
22	220	3×5	19	• 4×5	28(21)	5×5	33	5×5	37	6.3×5	42	6.3×5	46	□ 8×5	52(48)
33	330	4×5	28	5×5	37	5×5	41	∘ 6.3×5	49 (43)	6.3×5	52	□ 8×5	62 (52)	8×5	71
47	470	4×5	33	5×5	45	∘ 6.3×5	52(43)	6.3×5	58	□ 8×5	70 (62)	8×5	80		
100	101	5×5	56	∘ 6.3×5	70 (68)	□ 8×5	80 (76)	□ 8×5	92 (86)	8×5	110		İ		
220	221	6.3×5	96	□ 8×5	110(90)	8×5	135				I I				
330	331	8×5	145	8×5	170		!		!		!		!	Case size	Rated
470	471	8×5	185		i		i				i		i	φD×L (mm)	ripple

Size $\phi 3 \times 5$ is available for capacitors marked. " \bullet "/ Size $\phi 5 \times 5$ is available for capacitors marked. " \circ " Size $\phi 6.3 \times 5$ is available for capacitors marked. " \Box " In such a case, $\boxed{\mathbb{M}\mathbb{R}}$ will be put at 2nd and 3rd digit of type numbering system.

Rated ripple current (mArms) at 85°C 120Hz) = φ3 units and UMR.

Frequency coefficient of rated ripple current

Frequency		50 Hz	120 Hz	300 Hz	1 kHz	10 kHz or more	
	Coefficient	0.70	1.00	1.17	1.36	1.50	

Please refer to page 20, 21, 22 about the formed or taped product spec. Please refer to page 4 for the minimum order quantity.

单击下面可查看定价,库存,交付和生命周期等信息

>>Nichicon(尼吉康)