EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

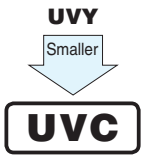
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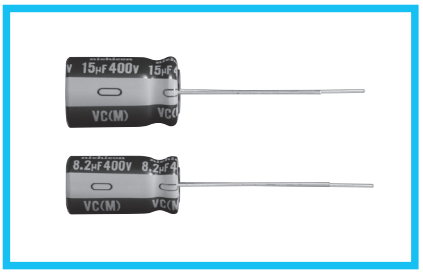
UVC

Ultra-Miniature-Sized for adapters.

Smaller

- One rank smaller case sizes than UVY.
- Swited for adapter circuit.
- Compliant to the RoHS directive (2011/65/EU).

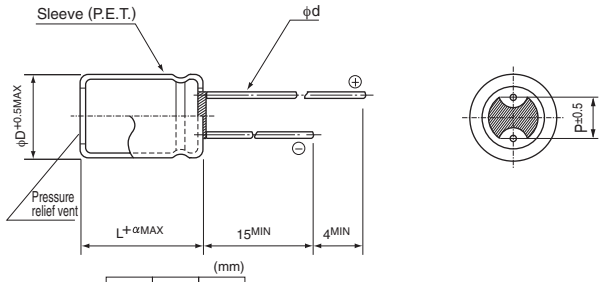




■Specifications

Item	Performance Characteristics
Category Temperature Range	−40 to +105˚C
Rated Voltage Range	400V
Rated Capacitance Range	4.7 to 18μF
Capacitance Tolerance	±20% at 120Hz, 20˚C
Leakage Current	I = 0.04CV+100 (μA) or less
Tangent of loss angle (tan δ)	Rated voltage (V): 400; tan δ (MAX.): 0.25. Measurement frequency : 120Hz, at 20˚C
Stability at Low Temperature	Rated voltage (V): 400; Impedance ratio Z−25˚C / Z+20˚C: 6; ZT / Z20 (MAX.) Z−40˚C / Z+20˚C: 10. Measurement frequency : 120Hz
Endurance	The specifications listed at right shall be met when the capacitors are restored to 20°C after D.C. bias plus rated ripple current is applied for 2000 hours at 105°C, the peak voltage shall not exceed the rated voltage. Capacitance change: Within ±25% of the initial capacitance value; tan δ: 200% or less than the initial specified value; Leakage current: Less than or equal to the initial specified value
Shelf Life	After storing the capacitors under no load at 105˚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.
Marking	Printed with white color letter on dark brown sleeve.

■Radial Lead Type



(mm)

φD	8	10
P	3.5	5.0
φd	0.6	0.6

α	(L =11.5) 1.5
	(L≧12.5) 2.0

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

Type numbering system (Example : 400V 15μF)

1	2	3	4	5	6	7	8	9	10	11
U	V	C	2	G	1	5	0	M	P	D

Configuration※
Capacitance tolerance (±20%)
Rated capacitance (15μF)
Rated voltage (400V)
Series name
Type

※ Configuration

φD	Pb-free leadwire Pb-free PET sleeve
8 · 10	PD

■Dimensions

Cap.(μF) \ V	Code	400 2G	
4.7	4R7	8 × 11.5	70
5.6	5R6	8 × 11.5	70
8.2	8R2	8 × 16	85
10	100	10 × 12.5	100
12	120	8 × 20	120
15	150	10 × 16	150
18	180	10 × 20	200
		Case size φD × L (mm)	Rated ripple

Rated ripple current (mArms) at 105˚C 120Hz

● Frequency coefficient of rated ripple current

Cap.(μF) \ Frequency	50Hz	120Hz	500Hz	1 kHz	10kHz or more
4.7 to 8.2	0.65	1.00	1.20	1.30	1.50
10 to 18	0.80	1.00	1.20	1.30	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.