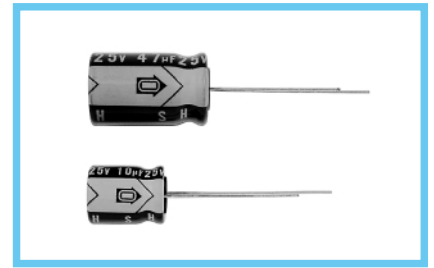


SH series Vertical Time Constant Circuit Use



- Designed specifically for vertical time constant circuits of TV's.
- Adapted to the RoHS directive (2002/95/EC).

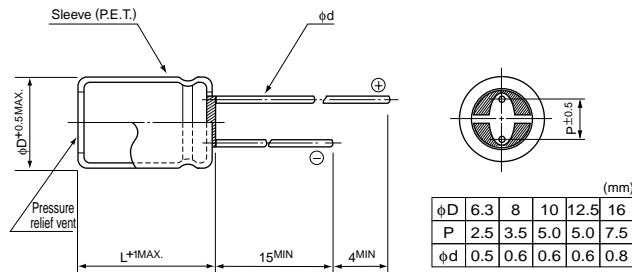
Products which are scheduled to discontinue.
Not recommended for new designs



Specifications

Item	Performance Characteristics		
Category Temperature Range	-40 to +85°C		
Rated Voltage Range	16 to 50V		
Rated Capacitance Range	0.47 to 470μF		
Capacitance Tolerance	±20% (M) (±10% (K) semi-standard) at 120Hz, 20°C		
Leakage Current	After 2 minutes' application of rated voltage, leakage current is 0.01CV + 3 (μA) or less.		
tan δ	0.07 or less at 120Hz, 20°C		
Stability at Low and High Temperature	Measurement frequency : 120Hz		
	Temperature	Capacitance change / 20°C	
	-40°C	within -20%	
+85°C	within +20%		
Endurance	After 1000 hours' application of rated voltage at 85°C, capacitors meet the characteristics requirements listed at right.	Capacitance change	Within ±10% of initial value
		tan δ	150% or less of initial specified value
		Leakage Current	Initial specified value or less
Shelf Life	After storing the capacitors under no load at 85°C for 1000 hours, and after performing voltage treatment based on JIS C 5101-4 clause 4.1 at 20°C, they will meet the specified value for endurance characteristics listed above.		
Marking	Printed with white color letter on black sleeve.		

Radial Lead Type

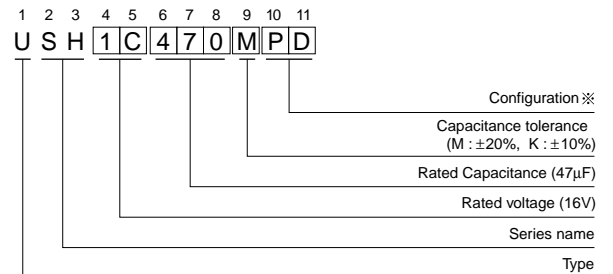


• Please refer to page 20 about the end seal configuration.

Dimensions

Cap. (μF)	Code	φD × L (mm)		
		16	25	50
0.47	R47	1C	1E	1H
1	010			6.3 × 11
2.2	2R2			6.3 × 11
3.3	3R3		6.3 × 11	6.3 × 11
4.7	4R7		6.3 × 11	8 × 11.5
10	100	8 × 11.5	10 × 12.5	10 × 16
22	220	10 × 16	10 × 16	10 × 20
33	330	10 × 16	10 × 20	12.5 × 20
47	470	10 × 20	12.5 × 20	12.5 × 25
100	101	12.5 × 20	12.5 × 25	16 × 25
220	221	12.5 × 25	16 × 25	16 × 35.5
330	331	16 × 25	16 × 31.5	
470	471	16 × 35.5		

Type numbering system (Example : 16V 47μF)



※ Configuration

φ D	Pb-free leadwire Pb-free PET sleeve
6.3	ED
8 · 10	PD
12.5 · 16	HD

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