

ES

Bi-Polarized, For Audio Equipment









• Bi-polarized "nichicon MUSE" acoustic series.

series

- Suited for audio signal circuits.
- Compliant to the RoHS directive (2011/65/EU).

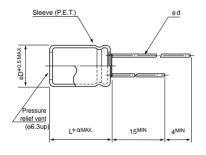




### ■Specifications

Item	Performance Characteristics									
Category Temperature Range	-40 to +85°C									
Rated Voltage Range	6.3 to 50V									
Rated Capacitance Range	0.47 to 1000μF									
Capacitance Tolerance	±20% at 120Hz, 20°C									
Leakage Current	After 1 minute's application of rated voltage, leakage current is not more than 0.03CV or 3 (µA), whichever is greater.									
	Measurement frequency: 120Hz at 20°C									
Tangent of loss angle (tan $\delta$ )	Rated voltage (V)	6.3	10	16		25	35		50	
	tan δ (MAX.)	0.24	0.20	0.16		0.16	0.14		0.12	
	Measurement frequency : 120Hz									
	Rated voltage (V)		6.3	10	16	2	5 35		50	
Stability at Low Temperature	Impedance ratio	Z-25°C / Z+20°C	4	3	2	2	2	2	2	
	ZT / Z20 (MAX.)	Z-40°C / Z+20°C	8	6	4		1	4	4	
	The specifications listed at right shall be met when the Capacitance change   Within ±20% of the initial capacitance value							ance value		
Endurance	capacitors are restored to 20°C after the rated voltage is applied for 1000 hours at 85°C with the polarity inverted every 250 hours.			tan δ		150% or less than the initial specified value				
				Leakage current Less than or equal to the initial spec			pecified 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.									
Marking	Printed with black color letter on clear green sleeve.									

### ■Radial Lead Type



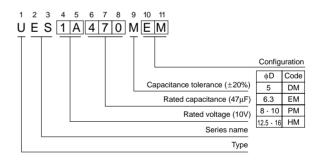
• Please refer to page 20 about the end seal



						(,
φD	5	6.3	8	10	12.5	16
А	2.0	2.5	3.5	5.0	5.0	7.5
φd	0.6	0.6	0.6	0.6	0.8	8.0
	P	P 2.0	P 2.0 2.5	P 2.0 2.5 3.5	P 2.0 2.5 3.5 5.0	D         5         6.3         8         10         12.5           P         2.0         2.5         3.5         5.0         5.0           pd         0.6         0.6         0.6         0.6         0.8

 $\alpha$   $(\phi D < 10) 1.0$   $(\phi D \ge 10) 1.5$ 

## Type numbering system (Example : $10V 47\mu F$ )



# configuration. Dimensions

φD×L (mm)

	V	6.3	10	16	25	35	50
Cap.(µF)	Code	0J	1A	1C	1E	1V	1H
0.47	R47						5×11
1	010						5×11
2.2	2R2						5×11
3.3	3R3						5×11
4.7	4R7				5×11	5×11	6.3×11
10	100			5×11	5×11	6.3×11	8×11.5
22	220		5×11	6.3×11	6.3×11	8×11.5	10×12.5
33	330	5×11	6.3×11	6.3×11	8×11.5	10×12.5	10×16
47	470	6.3×11	6.3×11	8×11.5	10×12.5	10×12.5	10×20
100	101	8×11.5	10×12.5	10×12.5	10×16	10×20	12.5×25
220	221	10×12.5	10×16	10×20	12.5×25	12.5×25	16×25
330	331	10×16	10×20	12.5×20	12.5×25	16×25	16×31.5
470	471	10×20	12.5×20	12.5×25	16×25	16×25	
1000	102	12.5×25	16×25	16×25	16×31.5		

# **Mouser Electronics**

**Authorized Distributor** 

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

### Nichicon:

```
UES1A331MPJ UES1C100MDJ UES1C471MHJ UES0J101MPJ UES1C102MHJ UES1V100MEJ UES1E220MEJ
UES1H101MHJ UES0J101MPM UES0J102MHM UES0J221MPM UES0J330MDM UES0J331MPM
UES0J470MEM UES0J471MPM UES1A101MPM UES1A102MHM UES1A220MDM UES1A221MPM
UES1A330MEM UES1A331MPM UES1A470MEM UES1A471MHM UES1C100MDM UES1C101MPM
UES1C102MHM UES1C220MEM UES1C221MPM UES1C330MEM UES1C331MHM UES1C470MPM
UES1C471MHM UES1E100MDM UES1E101MPM UES1E102MHM UES1E221MHM UES1E330MPM
UES1E331MHM UES1E470MPM UES1E471MHM UES1E4R7MDM UES1H010MDM UES1H100MPM
UES1H220MPM UES1H221MHM UES1H2R2MDM UES1H330MPM UES1H331MHM UES1H3R3MDM
UES1H470MPM UES1H4R7MEM UES1HR47MDM UES1V101MPM UES1V220MPM UES1V321MHM
UES1V330MPM UES1V331MHM UES1V470MPM UES1V471MHM UES1V470MPM UES1V470MPH
UES1H101MHM UES1E220MEM UES1V100MEM UES0J471MHM UES1H330MPM1TD UES1V101MPM1TD
UES1A221MPM1TD UES1C331MPM1TD UES1C331MHM1TO UES1V4R7MDM1TD
UES1H100MPM1TD UES1C221MPM1TD UES1C331MHM1TO UES1H3R3MDM1TD
```