

5mmL, Bi-Polarized

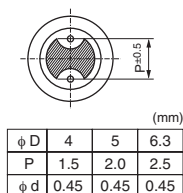


- Bi-polarized series with 5mm height.
- Compliant to the RoHS directive (2011/65/EU).



Item	Performance Characteristics							
Category Temperature Range	-40 to +85°C							
Rated Voltage Range	6.3 to 50V							
Rated Capacitance Range	0.1 to 47μF							
Rated Capacitance Tolerance	±20% at 120Hz, 20°C							
Leakage Current	After 2 minutes' application of rated voltage at 20°C, leakage current is not more than 0.05CV or 10 (μA), whichever is greater.							
Tangent of loss angle (tan δ)	Measurement frequency : 120Hz at 20°C							
	Rated voltage (V) tan δ (MAX.)	6.3 0.24	10 0.20	16 0.17	25 0.17	35 0.15	50 0.15	
Stability at Low Temperature	Measurement frequency : 120Hz							
	Rated voltage (V)		6.3	10	16	25	35	50
	Impedance ratio ZT / Z20 (MAX.)	Z-25°C / Z+20°C Z-40°C / Z+20°C	4 8	3 6	2 4	2 4	2 3	2 3
Endurance	The specifications listed at right shall be met when the capacitors are restored to 20°C after the rated voltage is applied for 2000 hours at 85°C with the polarity inverted every 250 hours.							
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 white color letter on black sleeve.							

Technical drawing of a sleeve (P.E.T.) showing dimensions and components. The drawing includes a side view and a cross-sectional view. The side view shows a sleeve with a length $L=1\text{MAX}$ and an outer diameter $\phi D+0.5\text{ MAX}$. The cross-sectional view shows the sleeve with an inner diameter ϕd and a thickness of 15 MIN . The sleeve is labeled "Sleeve (P.E.T.)".



1 2 3 4 5 6 7 8 9 10 11

U M P 1 A 3 3 0 M D D

Configuration※

Capacitance tolerance (±20%)

Rated capacitance (33μF)

Rated voltage (10V)

Series name

Type

ϕ D	Pb-free leadwire Pb-free PET sleeve
4 to 6.3	DD

[illegible]

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.