

查询USP03101MDD供应商

捷多邦，专业PCB打样工厂，24小时加急出货

SP

series



- SP ← Bi-polarized SA



Item	Performance Characteristics						
Category Temperature Range	-40 ~ +85°C						
Rated Voltage Range	6.3 ~ 50V						
Rated Capacitance Range	0.1 ~ 220μF						
Capacitance Tolerance	±20% at 120Hz, 20°C						
Leakage Current	After 2 minutes' application of rated voltage, leakage current is not more than 0.05CV or 10 (μA), whichever is greater.						
tan δ	Measurement frequency : 120Hz, Temperature : 20°C						
	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
Stability at Low Temperature	Measurement frequency : 120 Hz						
	Rated voltage (V)		6.3	10	16	25	35
	Impedance ratio		Z-25°C / Z+20°C	4	3	2	2
	ZT / Z20 (MAX.)		Z-40°C / Z+20°C	8	6	4	3
Endurance	After 2000 hours' application of rated voltage at 85°C with the polarity inverted every 250 hours, capacitors meet the characteristic requirements listed at right.						
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.						

Technical drawing of a sleeve (P.E.T.) showing side and end views with dimensions and a table of values.

Side View Dimensions:

- Outer Diameter: $\phi D \pm 0.5 \text{ MAX}$
- Length: $L \pm 1 \text{ MAX}$
- Inner Diameter: ϕd
- Minimum Thickness: 15 MIN
- Minimum Flange Thickness: 4 MIN

End View Dimensions:

- Inner Diameter: $\phi d \pm 0.5$

	(mm)				
ϕD	4	5	6.3	8	
P	1.5	2.0	2.5	3.5	
ϕd	0.45	0.45	0.45	0.5	

1 2 3 4 5 6 7 8 9 10 11 12

U S P 1 A 3 3 0 M D D

Configuration※

Capacitance tolerance (±20%)

Rated Capacitance (33μF)

Rated voltage (10V)

Series name

Type

※ Configuration

φ D	Pb-free leadwire Pb-free PET sleeve
4 ~ 8	DD

[illegible]

- Frequency coefficient of rated ripple current

Rated Ripple (mArms) at 85°C 120Hz

Please refer to page 21, 22, 23 about the formed or taped product spec