ELECTRIC DOUBLE LAYER CAPACITORS "EVerCAP®"

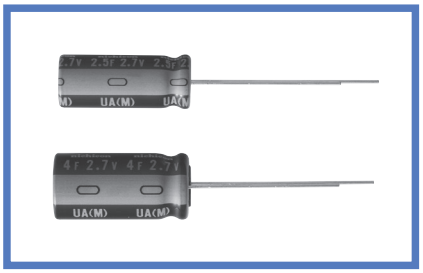
JUA

Radial Lead Type, Lower Resistance

TENTATIVE

- 2.7V rated voltage.
- Lower resistance type of JUM,JUK.
- Wide temperature range (– 25 to +70°C).
- Load life of 2000hours at 70°C.
- Compliant to the RoHS directive (2011/65/EU).

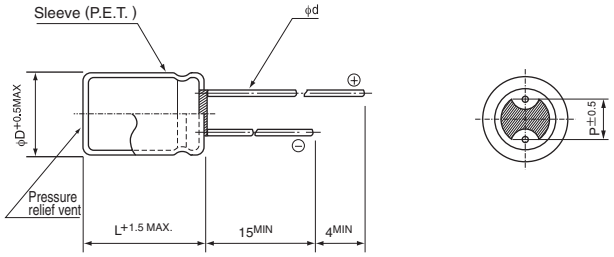
JUM・JUK
Lower resistance Long Life
JUA



■Specifications

Item	Performance Characteristics		
Category Temperature Range	– 25 to +70°C		
Rated Voltage	2.7V		
Rated Capacitance	2.5 to 4.7F See Note		
Capacitance Tolerance	±20% , 20°C		
Stability at Low Temperature	Capacitance (– 25°C) / Capacitance (+20°C) ×100 ≧ 70% ESR (– 25°C) / ESR (+20°C) ≦ 4		
ESR	Refer to the table below (20°C).		
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 70°C.	Capacitance change	Within ±40% of the initial capacitance value
		ESR	400% or less than the initial specified value
Shelf Life	The specifications listed at right shall be met when the capacitors are restored to 20°C after storing the capacitors under no load for 1000 hours at 85°C.	Capacitance change	Within ±40% of the initial capacitance value
		ESR	400% or less than the initial specified value
Humidity Endurance	The specifications listed at right shall be met when the capacitors are restored to 20°C after the rated voltage is applied for 500 hours at 40°C 90%RH.	Capacitance change	Within ±30% of the initial capacitance value
		ESR	300% or less than the initial specified value
Marking	Printed with white color letter on black sleeve.		

■Drawing



(mm)

φD	8	10
P	3.5	5.0
φd	0.6	0.6

Type numbering system (Example : 2.7V 4F)

1	2	3	4	5	6	7	8	9	10	11
J	U	A	T	1	4	0	5	M	P	D

- Configuration ※
- Capacitance tolerance (±20%)
- Rated capacitance (4F)
- Rated voltage (2.7V)
- Series name
- Type

※Configuration

φ D	Pb-free lead finishing Pb-free PET sleeve
8・10	PD

■Dimensions

Rated Voltage (Code)	Rated Capacitance (F)	ESR (Ω) (at 1kHz)	Case size φ D × L (mm)	Part Number
2.7V (T1)	2.5	0.07	8 × 20	JUAT1255MPD
	4	0.05	10 × 20	JUAT1405MPD
	4.7	0.10	10 × 20	JUAT1475MPD

Note :
The capacitance calculated from discharge time (ΔT) with constant current (i) after 30minuite charge with rated voltage (2.7V).
The discharge current (i) is 0.01 × rated capacitance (F).
The discharge time (ΔT) measured between 2V and 1V with constant current.
The capacitance calculated bellow.

Capacitance (F) = i × ΔT

Design, Specifications are subject to change without notice.