



Joule Cap

New innovative range of High-Power Dry Film capacitors

Features:

- s Greatest Capacitance/Voltage product in smallest size package
- s Box construction facilitates high density PCB layout
- s Very low inductance achieved by horizontal layering of capacitor elements.
- s Suitable for application in 10 000 m altitude

Applications:

- Inverters Photoflash
- Stroboscopes Motor Drivers
- Bulk energy storage for applications with high standing currents

Composition:

Non-Polar Metallized Polypropylene foil with welded bonding tabs enabling high currents.
Case of UL listed ABS, sealed with PU resin

Standard lead pitch 30mm \pm 0.4 mm. 1mm diameter tinned copper wire, length 5 \pm 1mm.
Other lengths on request.

electrical data

C	U	U _{peak}	ESR _{typ 25°C} 10kHz	I ~ 25°C 10kHz	I ~ 50°C 10kHz	I ~ 75°C 10kHz	R _{th}	ESL	f _{res}	Part No.
[μ F]	[VDC]	[VDC]	[mW]	[A]	[A]	[A]	[K/W]	[nH]	[kHz]	
50	500	800	3,8	59,1	45,1	24,1	5	14	190	JC50.00500...
40	600	900	4,2	56,1	42,9	22,9	5	14	213	JC40.00600...
33	750	1050	4,9	52,3	40,0	21,4	5	14	234	JC33.00750...
22	900	1200	5,4	49,9	38,1	20,4	5	14	287	JC22.00900...
16	1000	1300	6,0	47,1	36,0	19,2	5	14	336	JC16.01000...
12	1200	1500	6,5	45,2	34,5	18,5	5	14	388	JC12.01200...
7,5	1500	1800	6,5	45,5	34,7	18,6	5	14	491	JC07.51500...

match code : JC Cap Voltage Tol -Pin -WL Tol: K=10% ; J=5% -Pin: 4=4pin -Wire Length: 3,5...25 mm

e.g. JC40.00600J-4-5 ; 40 μ F 600Vdc 5% 4pin 5mm

dimensional data

