



Joule Cap

New innovative range of High-Power Dry Film capacitors

Features:

- ♦ Greatest Capacitance/Voltage product in smallest size package
- ♦ Box construction facilitates high density PCB layout
- ♦ Very low inductance achieved by horizontal layering of capacitor elements.

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 ± 0.4 mm. 1mm diameter tinned copper wire, length 5 ± 1 mm.
Other lengths on request.

electrical data

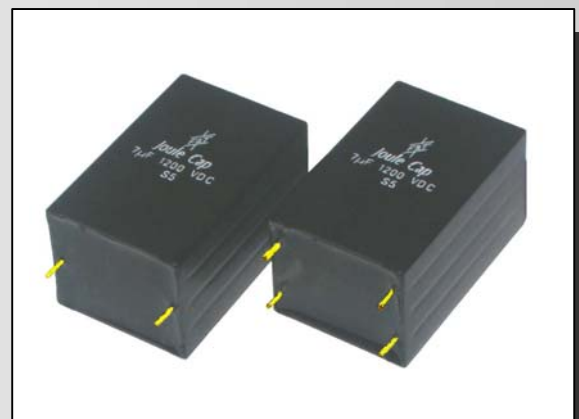
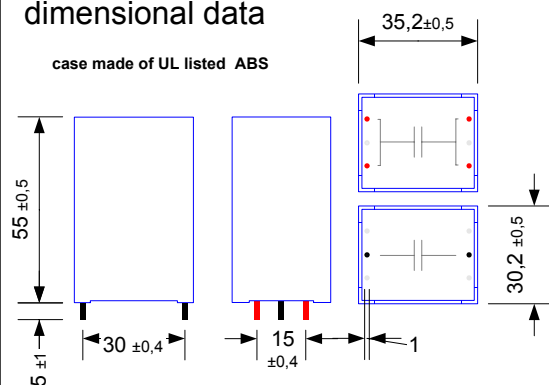
| C | U | U _{peak} | ESR _{typ 25°C} | I ~ 25°C | I ~ 50°C | I ~ 75°C | R _{th} | ESL | f _{res} | Part No. |
|------|-------|-------------------|-------------------------|----------|----------|----------|-----------------|------|------------------|---------------|
| [μF] | [VDC] | [VDC] | [mΩ] | [A] | [A] | [A] | [°/W] | [nH] | [kHz] | |
| 35 | 500 | 800 | 8,0 | 25,0 | 21,3 | 16,3 | 8 | 12 | 246 | JC35.00500... |
| 30 | 600 | 900 | 9,0 | 23,4 | 19,9 | 15,1 | 8 | 12 | 265 | JC30.00600... |
| 20 | 750 | 1050 | 10,0 | 21,8 | 18,4 | 13,7 | 8 | 12 | 325 | JC20.00750... |
| 14 | 900 | 1200 | 11,0 | 20,2 | 16,9 | 12,6 | 8 | 12 | 388 | JC14.00900... |
| 10 | 1000 | 1300 | 13,0 | 18,1 | 14,9 | 10,7 | 8 | 12 | 460 | JC10.01000... |
| 7 | 1200 | 1500 | 16,0 | 15,8 | 12,8 | 9,7 | 8 | 12 | 549 | JC07.01200... |
| 4,7 | 1500 | 1800 | 19,0 | 14,0 | 11,2 | 8,1 | 8 | 12 | 671 | JC04.71500... |

match code : JC Cap Voltage Tol -Pin -WL Tol: K=10% ; J=5% -Pin: 2=2pol ; 4=4pol -Wire Length: 3,5...25 mm

e.g. JC14.00900J-2-5 ; 14μF 900Vdc 5% 2pol 5mm

dimensional data

case made of UL listed ABS



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