imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

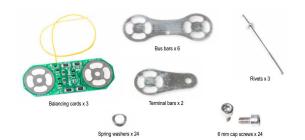
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KEMET Part Number: S0KMOD0001



Supercapacitor Development Balancing Kit



Notes:

-All KEMET supercapacitors and accesories are RoHS Compliant.

| General Information | |
|-------------------------------|--|
| PDF Name: | KEM_S6010_S0KMOD0001 |
| Overview: | The KEMET Supercapacitor Development Kit includes a two- stage active balancing circuit to complement the S301 Screw Terminal Supercapacitor Series. |
| Details: | Each kit contains enough balancing cards, bus bars, screws, washers and wire to assemble six S301 60 mm diameter cells (sold separately). |
| Required Cell Diameter: | 60 mm (nominal) |
| Possible Cell Orientation: | 0, 30, 60, or 90 Degrees |
| Cells Available: | 1,200 F and 3,000 F |
| Individual Balancing: | 2.0 V for each cell |
| Cell Orientation: | 5.4 V for cell pair |
| Configurations: | Must be used in even numbers. Housing or other voltage isolation is the responsibility of the customer |
| Current: | Bus bars designed for sub 1,000 A operation |
| Kit Contents: | 3 Balancing cards, 6 Bus bars, 2 Terminal bars, 3 Rivets, 24 Spring washers, & 24 6mm cap screws. |
| Additional Hardware Required: | Six (6) KEMET S301 Screw Terminal Supercapacitors, 60 mm cell diameter only. |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

