



**RANGES:**

Model No.	Input Voltage	Output Voltage	Output Current	Output Power	OVP Set Point
Units	(VDC)	(VDC)	(A)	(Watts)	(VDC)
SDEM2A	36 - 72	1.8	1	1.8	1.98 to 2.7
SDEM2B	36 - 72	1.8	1.5	2.7	1.98 to 2.7
SDEM2C	36 - 72	1.8	2	3.6	1.98 to 2.7
SDEM2D	36 - 72	3.3	1	3.3	3.63 to 4.95
SDEM2E	36 - 72	3.3	1.5	4.95	3.63 to 4.95
SDEM2F	36 - 72	3.3	2	6.6	3.63 to 4.95
SDEM2G	36 - 72	5	1	5	5.5 to 7.5
SDEM2H	36 - 72	5	1.5	7.5	5.5 to 7.5
SDEM2I	36 - 72	5	2	10	5.5 to 7.5
SDEM2J	36 - 72	9	1	9	9.9 to 13.5
SDEM2K	36 - 72	9	1.5	13.5	9.9 to 13.5
SDEM2L	36 - 72	9	2	18	9.9 to 13.5
SDEM2M	36 - 72	12	1	12	13.2 to 18
SDEM2N	36 - 72	12	1.5	18	13.2 to 18
SDEM2O	36 - 72	15	0.75	11.25	16.5 to 22.5
SDEM2P	36 - 72	15	1.25	18.75	16.5 to 22.5
SDEM2Q	36 - 72	18	1	18	19.8 to 27
SDEM2R	36 - 72	24	0.5	12	26.4 to 36
SDEM2S	36 - 72	24	0.75	18	26.4 to 36

**NOTES:**

1. Please add an External filter at Converter input terminals when measuring input reflected ripple. L: Simulated source impedance of 12 $\mu$ H. 12 $\mu$ H inductor in series with +Vin. C: 100  $\mu$ F/100V.
2. The SDEM1 series requires a minimum 10% loading on the output to maintain specified regulation.
3. Operation under no-load condition will not damage these devices, however they may not meet all listed specifications.
4. BELLCORE TR-NWT-000332. Case I: 50% Stress, Temperature at 40C. (Ground fixed and controlled environment).
5. Over Voltage protection set point as per user requirement b/w 110% TO 150% of O/P Vg.
6. Heat sink optional, consult factory.
7. Typical value at nominal input voltage and full load.
8. PC pins – 1.016 mm diameter x 5.08 mm long (min.).