



**RANGES:**

Model No.	Input Voltage	Output Voltage	Output Current	Output Power	OVP Set Point
Units	(VDC)	(VDC)	(A)	(Watts)	(VDC)
SDEM3A	18 - 36	1.8	2.5	4.5	1.98 to 2.7
SDEM3B	18 - 36	1.8	5	9	1.98 to 2.7
SDEM3C	18 - 36	1.8	10	18	1.98 to 2.7
SDEM3D	18 - 36	3.3	2.5	8.25	3.63 to 4.95
SDEM3E	18 - 36	3.3	5	16.5	3.63 to 4.95
SDEM3F	18 - 36	3.3	10	33	3.63 to 4.95
SDEM3G	18 - 36	5	2.5	12.5	5.5 to 7.5
SDEM3H	18 - 36	5	5	25	5.5 to 7.5
SDEM3I	18 - 36	9	3	27	9.9 to 13.5
SDEM3J	18 - 36	12	2	24	13.2 to 18
SDEM3K	18 - 36	12	2.5	30	13.2 to 18
SDEM3L	18 - 36	15	1.5	22.5	16.5 to 22.5
SDEM3M	18 - 36	15	2	30	16.5 to 22.5
SDEM3N	18 - 36	18	1.5	27	19.8 to 27
SDEM3O	18 - 36	24	1	24	26.4 to 36
SDEM3P	18 - 36	24	1.25	30	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/63V
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.).