

RANGES:

Model No.	Input Voltage	Output Voltage	Output Current	Output Power	OVP Set Point
Units	(VDC)	(VDC)	(A)	(Watts)	(VDC)
SDOF1A	18 – 36	1.8	10	18	1.98 to 2.7
SDOF1B	18 – 36	1.8	20	36	1.98 to 2.7
SDOF1C	18 – 36	1.8	30	54	1.98 to 2.7
SDOF1D	18 – 36	2.5	10	25	2.75 to 3.75
SDOF1E	18 – 36	2.5	20	50	2.75 to 3.75
SDOF1F	18 – 36	2.5	30	75	2.75 to 3.75
SDOF1G	18 – 36	3.3	10	33	3.63 to 4.95
SDOF1H	18 – 36	3.3	15	49.5	3.63 to 4.95
SDOF1I	18 – 36	3.3	20	66	3.63 to 4.95
SDOF1J	18 – 36	3.3	25	82.5	3.63 to 4.95
SDOF1K	18 – 36	3.3	30	99	3.63 to 4.95
SDOF1L	18 – 36	5	5	25	5.5 to 7.5
SDOF1M	18 – 36	5	10	50	5.5 to 7.5
SDOF1N	18 – 36	5	15	75	5.5 to 7.5
SDOF1O	18 – 36	5	20	100	5.5 to 7.5
SDOF1P	18 – 36	12	3	36	13.2 to 18
SDOF1Q	18 – 36	12	5	60	13.2 to 18
SDOF1R	18 – 36	12	8	96	13.2 to 18
SDOF1S	18 – 36	15	4	60	16.5 to 22.5
SDOF1T	18 – 36	15	6	90	16.5 to 22.5
SDOF1U	18 – 36	18	2.5	45	19.8 to 27
SDOF1V	18 – 36	18	5	90	19.8 to 27
SDOF1W	18 – 36	24	1	24	26.4 to 36
SDOF1X	18 – 36	24	2	48	26.4 to 36
SDOF1Y	18 – 36	24	3	72	26.4 to 36
SDOF1Z	18 – 36	24	4	96	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 μ H. 12 μ H inductor in series with +Vin. C:100 μ 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. Over Voltage protection set point as per user requirement b/w 110% TO 150% of O/P Vg.
5. Heat sink optional, consult factory.
6. Typical value at nominal input voltage and full load.
7. PC pins – 1.016 mm diameter x 5.08 mm long (min.).