

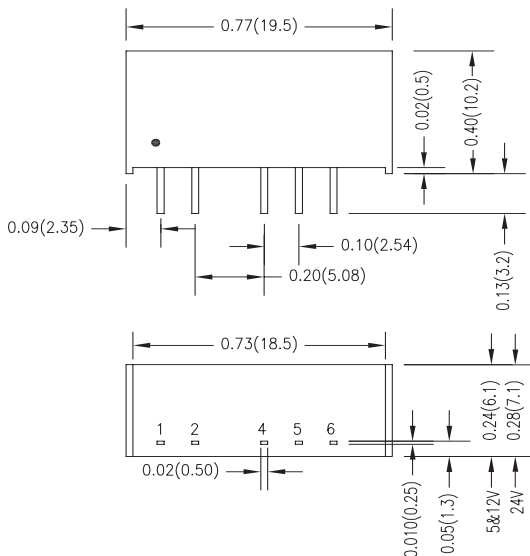
- Efficiency up to 88%
- 1000VDC Isolation
- MTBF > 2,000,000 Hours
- RoHS Compliant



1 Watt SPX Single and Dual Series



Model Number	Voltage			Current				Load Regulation % (Max)	Input Overvoltage (1000ms) Max (VDC)	Efficiency @ Max Load (%) Typ)	Capacitive Load Max (Dual each output) µF
	Input		Output	Input		Output					
	Nom. (VDC)	Range (VDC)	(VDC)	@ No Load (mA)	@ Max Load (mA)	Min (mA)	Max (mA)				
SPX1F5S5	5	4.5 - 5.5	5	30	238	4	200	6.5	9	84	220 µF
SPX1F5S9	5	4.5 - 5.5	9	30	228	2	110	5	9	87	220 µF
SPX1F5S12	5	4.5 - 5.5	12	30	232	1.5	84	5.2	9	87	220 µF
SPX1F5S15	5	4.5 - 5.5	15	30	230	1	67	5	9	87.5	220 µF
SPX1F5D5	5	4.5 - 5.5	±5	30	237	±2	±100	5.2	9	84.5	100 µF
SPX1F5D9	5	4.5 - 5.5	±9	30	234	±1	±56	4.2	9	86	100 µF
SPX1F5D12	5	4.5 - 5.5	±12	30	233	±0.8	±42	4.6	9	86.5	100 µF
SPX1F5D15	5	4.5 - 5.5	±15	30	236	±0.7	±34	4.5	9	86.5	100 µF
SPX1F12S5	12	10.8 - 13.2	5	12	99	4	200	5	18	84	220 µF
SPX1F12S9	12	10.8 - 13.2	9	12	95	2	110	3.4	18	86.5	220 µF
SPX1F12S12	12	10.8 - 13.2	12	12	95	1.5	84	3.4	18	88.5	220 µF
SPX1F12S15	12	10.8 - 13.2	15	12	95	1	67	2.7	18	88	220 µF
SPX1F12D5	12	10.8 - 13.2	±5	12	99	±2	±100	3.9	18	84.5	100 µF
SPX1F12D9	12	10.8 - 13.2	±9	12	98	±1	±56	2.8	18	86	100 µF
SPX1F12D12	12	10.8 - 13.2	±12	12	95	±0.8	±42	2.9	18	88.5	100 µF
SPX1F12D15	12	10.8 - 13.2	±15	12	94	±0.7	±34	2.6	18	87.5	100 µF
SPX1F24S5	24	21.6 - 26.4	5	11	50	4	200	3.7	30	84	220 µF
SPX1F24S9	24	21.6 - 26.4	9	11	48	2	110	2.5	30	86.5	220 µF
SPX1F24S12	24	21.6 - 26.4	12	11	48	1.5	84	2.4	30	87.5	220 µF
SPX1F24S15	24	21.6 - 26.4	15	11	48	1	67	2.3	30	87.5	220 µF
SPX1F24D5	24	21.6 - 26.4	±5	11	50	±2	±100	3.7	30	83.5	100 µF
SPX1F24D9	24	21.6 - 26.4	±9	11	49	±1	±56	2.5	30	86	100 µF
SPX1F24D12	24	21.6 - 26.4	±12	11	48	±0.8	±42	2.4	30	87	100 µF
SPX1F24D15	24	21.6 - 26.4	±15	11	49	±0.7	±34	2.3	30	87	100 µF



Pin Connections		
Pin	Single	Dual
1	+Vin	+Vin
2	-Vin	-Vin
4	-Vout	-Vout
5	No Pin	Common
6	+Vout	+Vout

Dimensions are inches (mm) unless noted

Tolerance: Inches Millimeters

X.XX ±0.01 X.X ±0.25

X.XXX ±0.005 X.XX ±0.13

Pin ±0.002 ±0.05

