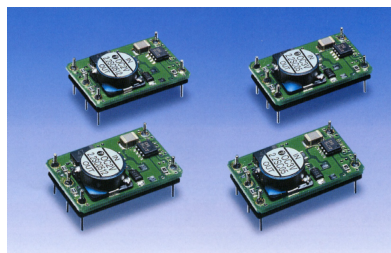




OC2V-SC



FEATURES

- 3~10 WATT
- **NON-ISOLATED**
- DC-DC CONVERTER

RoHS

MODEL/CHANNEL		Unit	OC2-2.2SC0512			
OUTPUT	Output Voltage Default	Vdc	1.5	2.2	3.3	5
	Output Current	A	+2.28 +/-0.2			
	Line Regulation	mV	less than 2% of output voltage at input voltage 4.5 to 14V			
	Load Regulation	mVp	Less than 2.5% of output voltage at input Voltage 5V or 6V and load 0 to 2A Less than 0.9% of output voltage at input Voltage 5V or 6V and load 0.2 to 2A			
	Ripple and Noise	mVp	100			
	Switching Frequency	KHz	130(fixed)(may decrease by 50% depending on output/input conditions)			
	Recovery Time *3,*7	mS	5mS(maximum)			
	Rise up time	mS	300mS(maximum)			
	Output Voltage	Vdc	+1.5 to 5			
INPUT	Input Voltage DC	mV	5/12			
	Input Range	V	4.5 or output voltage +1, whichever greater, to 14			
	at no load (typical)	mA	6/6	6.5/6.5	7/7	9/7.5
	at full load (typical)	mA	800/340	1070/460	1500/690	1810/930
	Efficiency (typical) *1	%	75/73	82/79	88/79	92/90
	Input Voltage In.	V	5/12			6/12
Protection	Over Current Protection	A	Current Limiting with automatic recovery			
	Input Fuse	-	Installed 2.5A			
Environment	Operating Temperature	°C	-20 to+ 71°C			
	(derating)	-	2%/°C(50°C to 71°C) (out of warranty on/over 71°C)			
	Operating Humidity	%	20-90%/RH(non-condensing)			
	Storage Temperature	°C	-20 to +85°C			
	Storage Humidity	-	20 to 90%/RH(non-condensing)			
	Vibration	-	5-10Hz: 10mm double amplitude, 10-550Hz: 24.5m/s^2, each along X,Y,Z axes(non-operating)			
	Cooling	-	Convection			
	Shock Test	-	294m/s^2			
Dimension	Weight(g)	mm/g	21.4Wx32Lx10H open board type/7g			





Dimension Diagram (mm)

