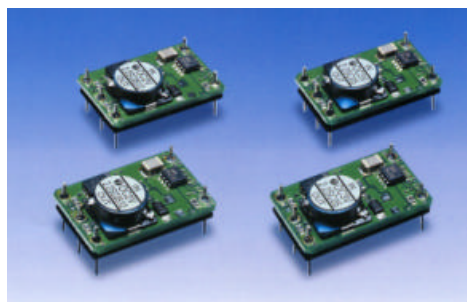




OC3V-2.2SC05



FEATURES

- 4.5-9.9W, **Non-Isolated DC-DC Converter**
- 85% efficiency
- Adjustable Output Voltage

RoHS

MODEL/CHANNEL		Unit	OC3V-2.2SC05		
OUTPUT	Output Voltage	Vdc	1.5	2.4	3.3
	Efficiency	%	73	81	85
	Output Current	A	3		
	Ripple and Noise(max.) *3	mV	100		
	Static Line Regulation	V	Less than 1% of output voltage at input voltage 4.5 to 5.5V		
	Input Voltage Range	V	4.5 to 5.5		
	Switching Frequency	kHz	130(fixed)(may decrease by 50% depending on output/input conditions)		
	Basaltic Load Regulation	V	Less than 4% of output voltage at input voltage 5.0V and load 0 to 3A Less than 0.9% of output voltage at input voltage 5.0V and load 0.3 to 3A		
	Recovery Time	mS	5mS(maximum)		
	Rise up time	mS	300mS(maximum)		
	Default Output Voltage	V	+2.28 +/-0.2		
	Output Voltage	V	+1.5 to 3.3		
INPUT	Input Voltage	Vac	5		
	At no load	mA	6	6	6
	Input Current Range	A	1.23	1.77	2.31
Protection	Over Voltage Protection	-	Not available		
	Over Current Protection	-	Current Limiting with automatic recovery		
	Input Fuse	-	Installed 4A		
	Trimming of output voltage	-	Not available		
Environment	Operating Temperature	-	-20 to+ 71°C		
	Operating Humidity	-	2-90%/RH (non-condensing)		
	Storage Temperature	-	-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)		
	Shock	-	294m/S ²		
	Cooling	-	Convection		
	(derating)	-	2%/°C (50°C to 71°C) (out of warranty on/over 71°C)		
MTBF	H	>1.5 Million Hours			
Dimension	Size(WxHxD) / Weight	mm/g	21.4Wx32Lx10H open board type/7g		





Dimension Diagram (mm)

