

P5WDC05 DC to DC Power Supply Module

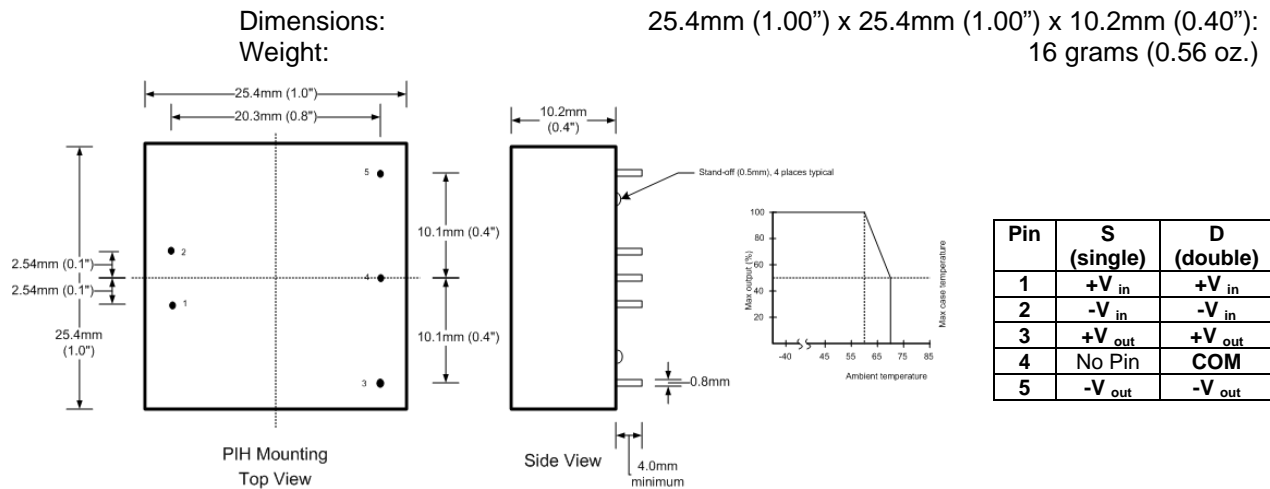
Specifications:

Input Voltage:		4.5 to 9VDC
Output:	Voltage set point accuracy	-1% to +1.5%
	Rated power (maximum):	5 watts
	Ripple & Noise (P-P):	$\pm 1\%$ of V_{out} in mV maximum (20 MHz bandwidth)
	Line (Voltage) Regulation:	$\pm 0.5\%$
	Load Regulation:	$\pm 1.0\%$
	Temperature coefficient:	$\pm 0.02\%/^{\circ}\text{C}$
Protection:	Isolation Voltage (input - output):	1,500VDC
	Resistance (input - output):	1 G ohms minimum
	Isolation capacitance:	100 pF maximum
	Continuous short circuit/ overload protection – auto recovery	
Environmental:	Operating Temperature:	-25°C to +70°C
	Storage Temperature:	-40°C to +100°C
	Humidity (non-condensing):	95% RH

RoHS compliant

All specifications at nominal line voltage, full load and +25°C unless otherwise specified.

Physical



Model	Output	Current	Efficiency
P5WDC05S05A	+5.1V	1,000mA	70%
P5WDC05S12A	+12V	417mA	72%
P5WDC05S24A	+24V	208mA	72%
P5WDC05D12A	+12V & -12V	208mA	72%
P5WDC05D15A	+15V & -15V	167mA	73%

Custom power supply designs are available to meet the specific application requirements. For a no obligation technical evaluation, please provide the specific performance requirements to engineering@tichenassociates.com or the address below.