

**SMD SERIES PSDL-XXXXS 1KV ISOLATED 0,5W UNREGULATED SINGLE OUTPUT SMD**

Other specifications please enquire.

**Electrical Specifications**

(Typical at + 25° C, nominal input voltage, rated output current unless otherwise specified)

**Input Specifications**

Voltage range +/- 10 %  
 Filter Capacitors

**Isolation Specifications**

Rated voltage 1000 VDC  
 Resistance 1000 MOhm

**Output Specifications**

Voltage accuracy +/- 5 %, max.  
 Ripple and noise (at 20 MHz BW) 100 mV p-p, max.  
 Short circuit protection Momentary  
 Line voltage regulation +/- 1,3 % / 1,0 % of Vin  
 Load voltage regulation +/- 14 %, load = 20 ~ 100 % max.  
 Temperature coefficient +/- 0,02 % / °C

**General Specifications**

Switching frequency 100 KHz, typ.

**Environmental Specifications**

Operating temperature (ambient) - 40° C to + 85° C  
 Storage temperature - 55 °C to + 125 °C  
 Derating See graph  
 Humidity Up to 90 %, non condensing  
 Cooling Free air convection

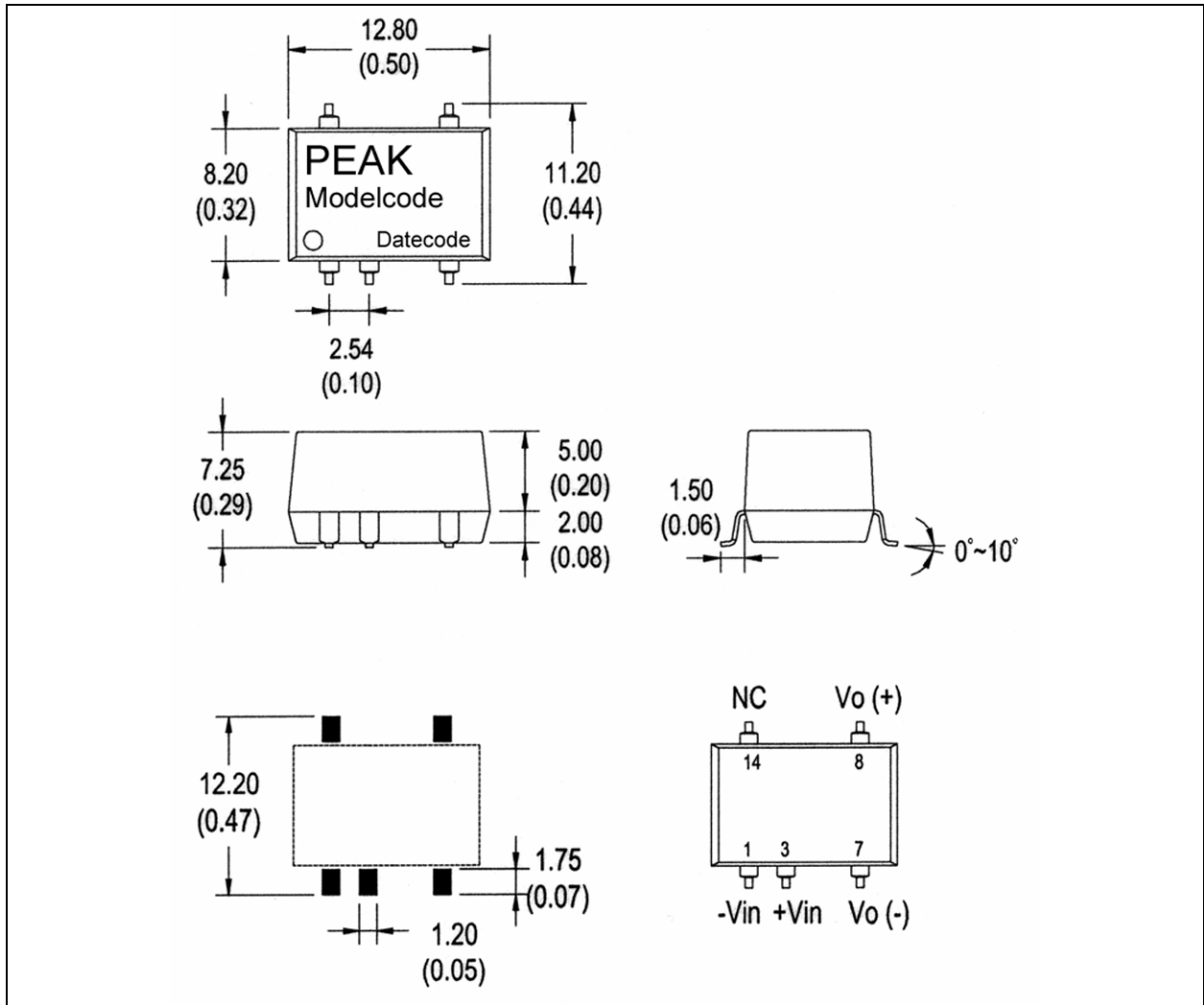
**Physical Characteristics**

Case material Non conductive black plastic

**Partnumbers**

PART NO.	INPUT VOLTAGE (VDC)	INPUT CURRENT FULL LOAD	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (max. mA)	EFFICIENCY FULL LOAD (% TYP.)
PSDL-0505S	5	145	5	100	69

**Dimensions**



**Derating Graph and Pinning**

