

SELECTION GUIDE

--	--	--

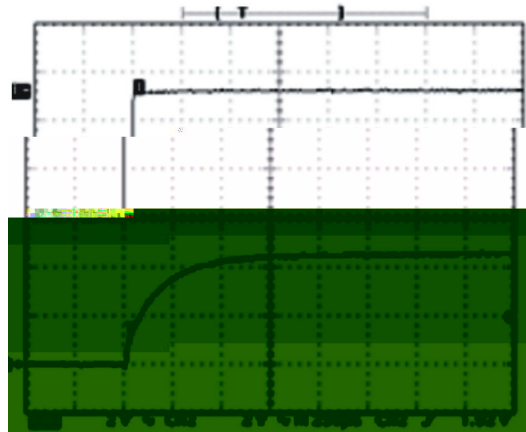


Capacitive loading and start up

Typical start up times for this series, with a typical input voltage rise time of 2.2s and output capacitance of 10F, are saw in the table below. The product series will start into a capacitance of 47F with an increased start time, however, the maximum recommended output capacitances 10F

Typical Start-Up Wave Form

	μs

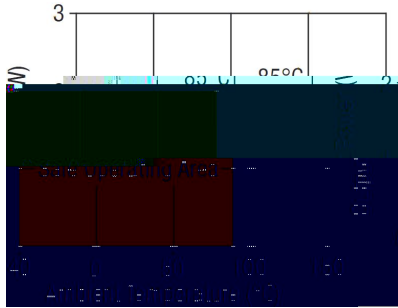


Temperature Characteristics

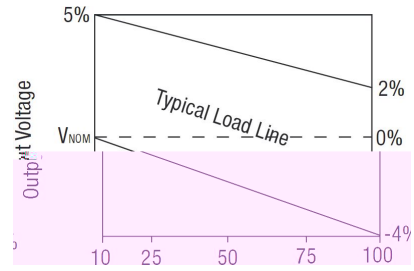
Parameter	Conditions	Min.	Typ.	Max.	Units
-----------	------------	------	------	------	-------

°C

Temperature derating graph

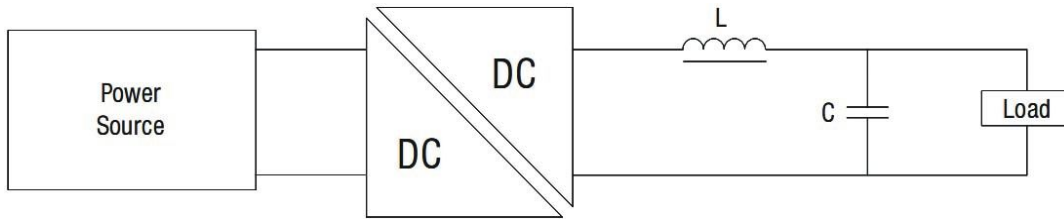


Tolerance envelope

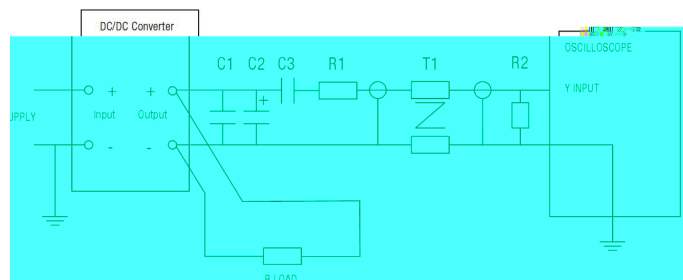


The voltage tolerance envelope shows typical load regulation characteristics for this product series. The tolerance envelope is the maximum output voltage variation due to changes in output

OUTPUT RIPPLE REDUCTION



	μ	
	μ	Ω
	Ω	\pm
	Ω	

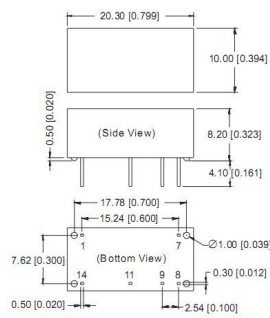
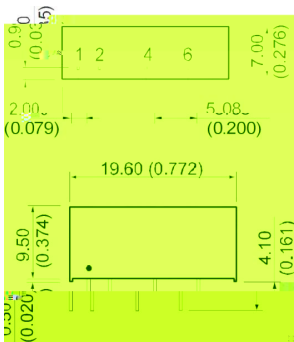


PACKAGE SPECIFICATIONS

MECHANICAL DIMENSIONS

SIP Package

DIP Package



± ± ±

FOOTPRINT

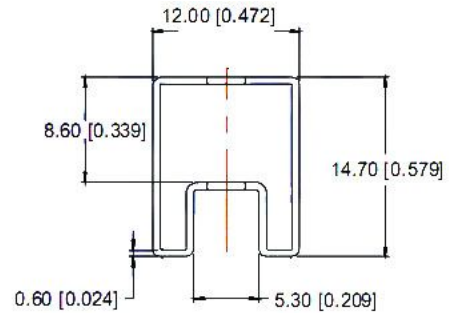
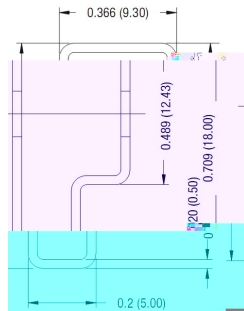
FOOTPRINT

SIP7

DIP14

PIN		PIN	

TUBE OUTLINE DIMENSIONS



RoHS COMPLIANT INFORMATION

This series is compatible with RoHS soldering systems with a peak wave solder temperature of 300°C for 10 seconds. The pin termination finish on the SIP package type is Tin Plate, Hot Dipped over Matte Tin with Nickel Preplate. The DIP types are Matte Tin over Nickel Preplate. Both types in this series are backward compatible with Sn/Pb soldering systems.



REACH COMPLIANT INFORMATION

This series has proven that this product does not contain harmful chemicals, it also has harmful chemical substances through the registration, inspection and approval.

Microdc Professional Power module, Inc. makes no representation that the use of its products in the circuits described herein, or the use of other technical information contained herein, will not infringe upon existing or future patent rights. Specifications are subject to change without notice.

©2010 Microdc Professional Power Module, Inc. Guangzhou