

R50078 SERIES *0.5Amp Non-Isolated*



FEATURES

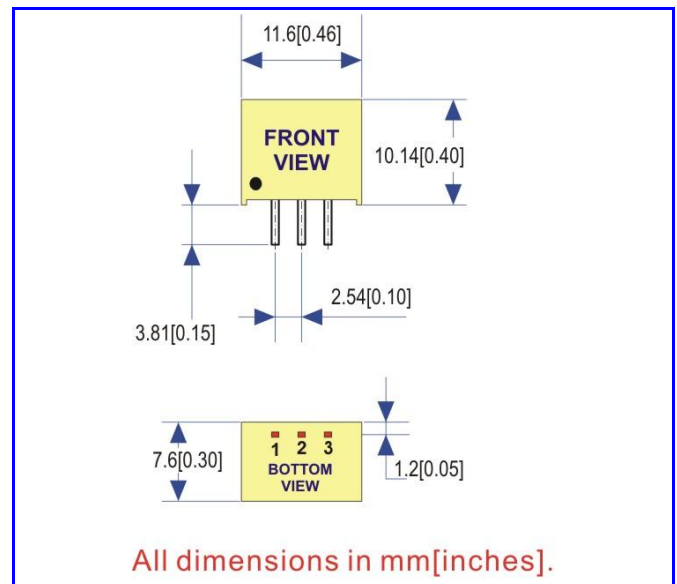
- SINGLE IN LINE PACKAGE
- WIDE INPUT RANGE
- 100% BURN IN
- HIGH EFFICIENCY
- INTERNAL SMD TECHNOLOGY
- UL 94V-0 PACKAGE MATERIAL
- CUSTOM SOLUTION BE AVAILABLE
- 3 YEARS WARRANTY



OUTPUT SPECIFICATIONS		INPUT SPECIFICATIONS		GENERAL SPECIFICATIONS	
Voltage Set-point Accuracy	+/-2% max	Input Voltage Range	6.5-32V	Efficiency	84% min
Temperature Coefficient	+/-0.05%/°C	Input Filter	Capacitor Type	Isolation Voltage	Non-isolation
Ripple & Noise(20MHz BW)	100mVp-p max			Switching Frequency	280KHz min
Line Regulation	+/-1% max	ENVIRONMENTAL SPECIFICATIONS		Case Material	Non-Conductive Plastic
Load Regulation	+/-1% max	Operating Temperature	-25°C to +70°C	Weight	1.3g typ.
Minimum Load	20% of Full Load	Storage Temperature	-55°C to +125°C	Case Size	11.6mm*7.6mm*10.14mm
Short Circuit Protection	Continuous	Humidity	95% max		

SELECTION GUIDE

MODEL NUMBER	INPUT (VDC)	NOMINAL (VDC)	OUTPUT		EFF (%)
			VOLTAGE (VDC)	CURRENT (mA)	
R500783.3	6.5-32	12	3.3	500	84
R5007805	6.5-32	12	5	500	89
R5007809	11-32	24	9	500	91
R5007812	15-32	24	12	500	93
R5007815	18-32	24	15	500	95



MECHANICAL DIMENSIONS

PIN	1	2	3
SINGLE	+Vin	Com.	+Vout