MBR130W

Surface Mount Schottky Barrier Diode

Features

- Low Forward Voltage
- Package Designed for Optimal Automated Board Assembly

PINNING			
PIN	DESCRIPTION		
1	Cathode		
2	Anode		
Top View			
Marking Coo Simplified o	utline SOD-123 and symbol		

Absolute Maximum Ratings (T_a = 25 °C)

Parameter	Symbol	Value	Unit	
Peak Repetitive Reverse Voltage	V _{RRM}	30	V	
Working Peak Reverse Voltage	V _{RWM}	30	V	
DC Blocking Voltage	V _R	30	V	
Average Rectified Forward Current (Rated V _R) T _L = 65 °C	I _{F(AV)}	WW1	А	
Non-Repetitive Peak Forward Surge Current (Surge Applied at Rated Load Conditions, Halfware, Single Phase, 60 Hz)	I _{FSM}	5.5	А	
Thermal Resistance, Junction to Ambient	R _{0JA}	230 ¹⁾	°C/W	
Thermal Resistance, Junction to Lead	R _{eJL}	108 ¹⁾	°C/W	
Operating Junction Temperature	Tj	- 65 to + 125	°C	
Storage Temperature Range	T _{stg}	- 65 to + 125	°C	

Characteristics at T_a = 25 °C

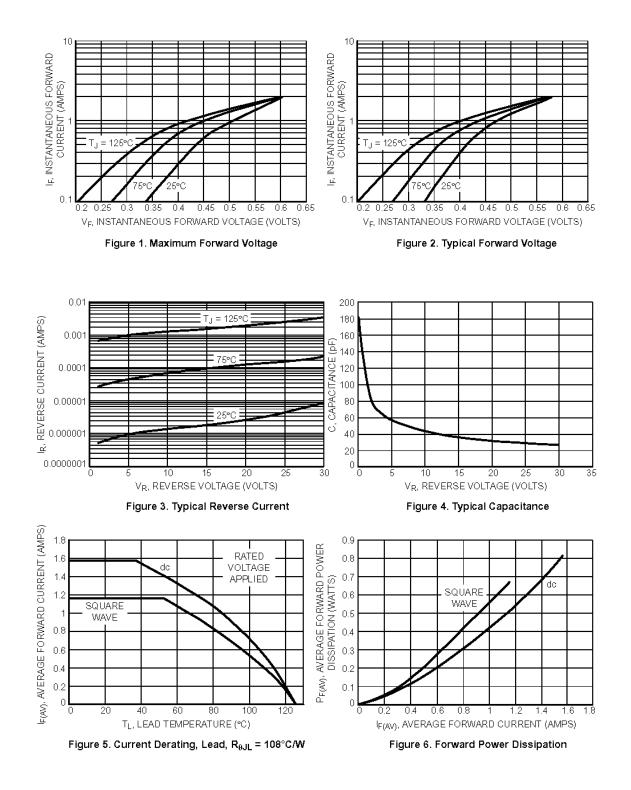
Parameter	Symbol	Min.	Max.	Unit
Forward Voltage at $I_F = 0.1 A$ at $I_F = 0.7 A$	V _F	-	0.35 0.5	V
Reverse Breakdown Voltage at I _R = 1 mA	V _{(BR)R}	30	177	V
Reverse Current at $V_R = 30 V$ at $V_R = 5 V$	I _R	WW	200 50	μΑ



SEMTECH ELECTRONICS LTD.

(Subsidiary of Sino-Tech International Holdings Limited, a company listed on the Hong Kong Stock Exchange, Stock Code: 724)









NO ODY WERKENTAN WER

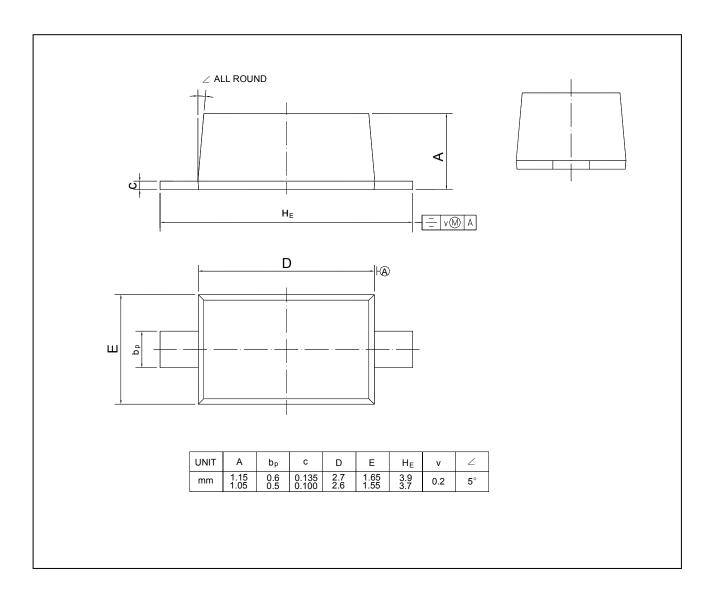
Dated : 27/09/2010 Rev:01

MBR130W 查询"MBR130W("供应商

PACKAGE OUTLINE

Plastic surface mounted package; 2 leads

SOD-123









Dated : 27/09/2010 Rev:01