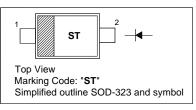
SILICON EPITAXIAL SCHOTTKY BARRIER DIODE

Applications

• UHF Band Mixer

PINNING

PIN	DESCRIPTION
1	Cathode
2	Anode



Absolute Maximum Ratings (T_a = 25 °C)

Parameter	Symbol	Value	Unit	
Peak Reverse Voltage	V_{RM}	5	V	
Forward Current	I _F	30	mA	
Junction Temperature	T _J	125	°C	
Storage Temperature Range	T _{stg}	- 55 to + 125	°C	

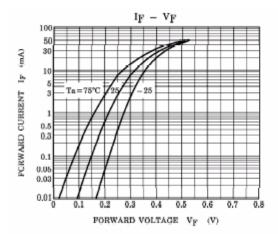
Electrical Characteristics at T_a = 25 °C

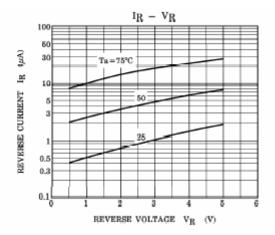
Parameter	Symbol	Min.	Тур.	Max.	Unit
Forward Current at $V_F = 0.5 \text{ V}$	I _F	30	-	-	mA
Reverse Current at V _R = 0.5 V	I _R	-	-	25	μΑ
Total Capacitance at V _R = 0.2 V, f = 1 MHz	Ст	-	0.6	-	pF

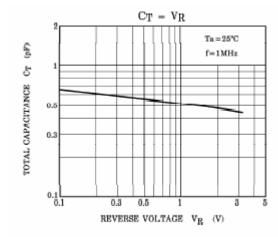




















(Subsidiary of Sino-Tech International Holdings Limited, a company listed on the Hong Kong Stock Exchange, Stock Code: 724)

SEMTECH ELECTRONICS LTD.

PACKAGE OUTLINE

Plastic surface mounted package; 2 leads

SOD-323

