



ESD Protection Diode

Features

- For sensitive ESD protection
- Low leakage
- Uni-directional ESD protection of one line
- Epoxy meets UL 94 V-0 flammability rating
- Moisture Sensitivity Level 1

Mechanical Data

- **Package:** SOD523
- **Terminals:** Tin plated leads, solderable per J-STD-002 and JESD22-B102
- **Polarity:** Cathode line denotes the cathode end
- **Marking:** ZE

■Maximum Ratings

PARAMETER	SYMBOL	LIMITS	ESD22-A11B(ESD)Human Body
Peak Pulse Current	I_{PP}^1	16	A

(1).Non-repetitive current pulse 8/20

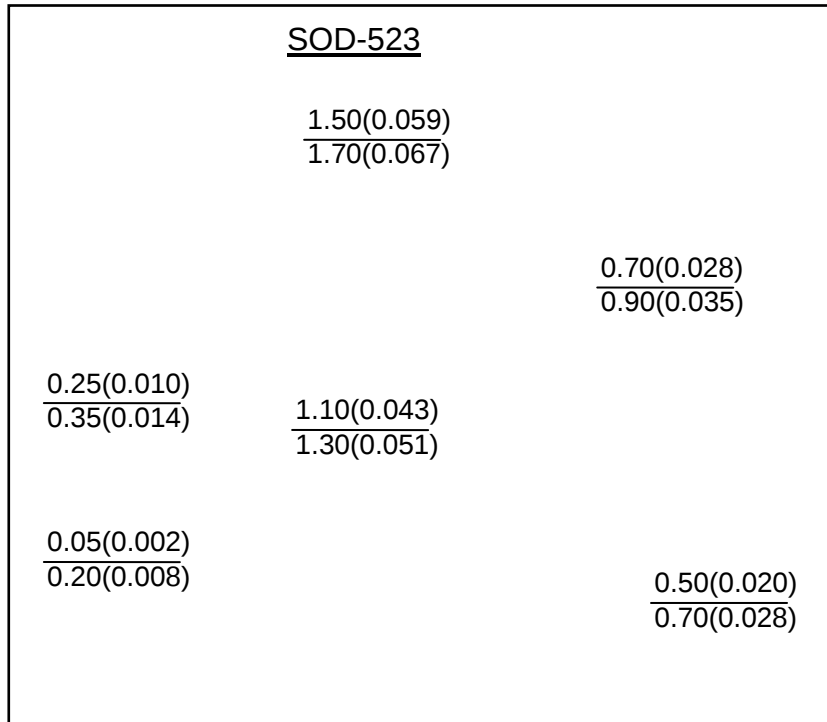


ESD3V3D5

■Electrical Characteristics $T_a=25$ Unless otherwise specified

PARAMETER	Symbol	UNIT	Conditions	Min	Typ	Max
Reverse Standoff Voltage	V_{RWM}^1	V				3.3
Reverse Leakage Current	I_R	μA	$V_{RWM}=3.3V$			0.08
Breakdown Voltage	$V_{(BR)}$	V	$I_T=1mA$	5		
Clamping Voltage	V_C^2					

vOutline Dimensions



vSoldering Footprint





Disclaimer

The information presented in this document is for reference only. Yangzhou Yangjie Electronic Technology Co., Ltd. reserves the right to make changes without notice for the specification of the products displayed herein to improve reliability, function or design or otherwise.

The product listed herein is designed to be r

h u

s