

ESD9L

ESD Protection Diode, Ultra Low Capacitance, Unidirectional



Product Overview

For complete documentation, see the data sheet.

The ESD9L is designed to protect voltage sensitive components that require ultra-low capacitance from ESD and transient voltage events. Excellent clamping capability, low capacitance, low leakage, and fast response time, make these parts ideal for ESD protection on designs where board space is at a premium. Because of its low capacitance, it is suited for use in high frequency designs such as USB 2.0 high speed and antenna line applications.

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Interface	Number of Lines	Direction	C Max (pF)	V _{(BR) Min} (V)	V _{RWM Max} (V)	I _{R Max} (µA)	P _{PK Max} (W)	Package Type
ESD9L3.3ST5G	0.0739		Active	USB 2.0	1	Unidirectional	0.9	4.8	3.3	1	0.15	SOD-923-2
ESD9L5.0ST5G	0.06		Active	USB 2.0	1	Unidirectional	0.9	5.4	5	1	0.15	SOD-923-2
SESD9L5.0ST5G	0.0853		Active	USB 2.0								SOD-923-2