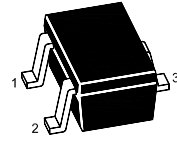
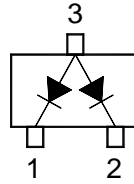


ESD6V8W

SILICON EPITAXIAL PLANAR DIODES

for ESD Protection Diode



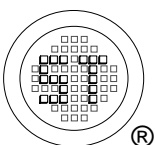
SOT-323 Plastic Package
Marking Code: **0V**

Absolute Maximum Ratings ($T_a = 25\text{ }^\circ\text{C}$)

Parameter	Symbol	Value	Unit
Power Dissipation	P_D	100	mW
Junction Temperature	T_j	150	$^\circ\text{C}$
Storage Temperature Range	T_{stg}	- 55 to + 150	$^\circ\text{C}$

Characteristics at $T_a = 25\text{ }^\circ\text{C}$

Parameter	Symbol	Min.	Max.	Unit
Reverse Stand-off Voltage	V_{RWM}	-	5	V
Reverse Voltage at $I_R = 1\text{ mA}$	V_R	5.3	-	V
Reverse Current at $V_{RWM} = 5\text{ V}$	I_R	-	500	nA
Total Capacitance at $V_R = 0\text{ V}$, $f = 1\text{ MHz}$	C_T	-	2.5	pF



SEMTECH ELECTRONICS LTD.
Subsidiary of Sino-Tech International (BVI) Limited



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