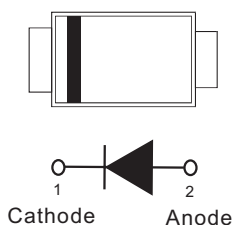


SD107WS

SURFACE MOUNT SCHOTTKY DIODES

VOLTAGE	30 Volts	POWER	200mA
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MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25°C ambient temperature unless otherwise specified. Single phase, half wave, 60Hz, resistive or inductive load. For capacitive load, derate current by 20%

PARAMETER	SYMBOL	SD107WS	UNITS
Marking Code	-	S9	-
Maximum Reverse Voltage	V_R	30	V
Peak Reverse Voltage	V_{RRM}	30	V
Maximum Forward Current	I_F	0.2	A
Non-Repetitive Forward Surge Current $t_p=10ms$	I_{FSM}	0.75	A
Power Dissipation (1)	P_{TOT}	200	mW
Thermal Resistance, Junction to Ambient (1)	$R_{\theta JA}$	625	°C/W
Junction and Storage Temperature Range	T_J, T_{STG}	-55 to +150	°C

NOTE : FR-4 Board = 70 x 60 x 1mm.