

Electrical Characteristics (T_J = 25°C unless otherwise noted)

Parameter	Symbol	Test Condition	Min	Typ	Max	Unit
Forward Voltage	V _F	at I _F = 1mA	—	—	0.715	V
		at I _F = 10mA	—	—	0.855	V
		at I _F = 50mA	—	—	1.0	V
		at I _F = 150mA	—	—	1.25	V
Leakage Current	I _R	V _R = 70V	—	—	2.5	μA
		V _R = 70V, T _J = 150°C	—	—	100	μA
		V _R = 25V, T _J = 150°C	—	—	30	μA
Capacitance	C _{iss}	V _F = V _R = 0 f = 1MHz	—	—	1.5	pF
Reverse Recovery Time	t _{rr}	I _F = 10mA, I _R = 10mA I _{rr} = 1mA, R _L = 100Ω	—	—	6	ns

(1) Device on fiberglass substrate, see layout

Layout for R_{thJA} test

Thickness: Fiberglass 0.059 in. (1.5 mm)

Copper leads 0.012 in. (0.3 mm)

