

RoHS Compliant Product
A suffix of "-C" specifies halogen & lead-free

DESCRIPTION

The SCS411D is designed for low power rectification.

PACKAGE INFORMATION

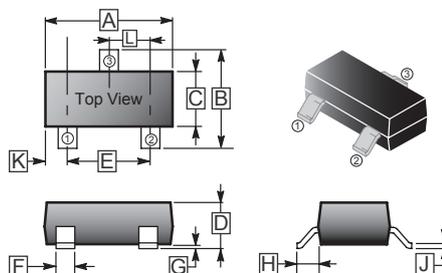
Mass: 0.0123 g (approx.)

MARKING CODE

05T



SC-59



REF.	Millimeter		REF.	Millimeter	
	Min.	Max.		Min.	Max.
A	2.70	3.10	G	0.10 REF.	
B	2.25	3.00	H	0.40 REF.	
C	1.30	1.70	J	0.10	0.20
D	1.00	1.40	K	0.45	0.55
E	1.70	2.30	L	0.85	1.15
F	0.35	0.50			

ABSOLUTE MAXIMUM RATINGS (at T_A = 25°C unless otherwise specified)

Parameter	Symbol	Ratings	Unit
Maximum Recurrent Peak Reverse Voltage	V _{RRM}	40	V
Maximum RMS Voltage	V _{RMS}	28	V
Maximum DC Blocking Voltage	V _{DC}	20	V
Peak Forward Surge Current at 8.3 m Sec single half sine-wave	I _{FSM}	3.0	A
Typical Junction Capacitance between Terminal	C _J	20	pF
Total Power Dissipation	P _D	225	mW
Maximum Average Forward Rectified Current	I _O	0.5	A
Junction, Storage Temperature	T _J , T _{STG}	+125, -40 ~ +125	°C

ELECTRICAL CHARACTERISTICS (at T_A = 25°C unless otherwise specified)

Parameters	Symbol	Typ.	Unit	Test
Maximum Instantaneous Forward Voltage	V _{F(1)}	0.3	V	I _F = 10mA
Maximum Instantaneous Forward Voltage	V _{F(2)}	0.5	V	I _F = 500mA
Maximum Average Reverse Current	I _R	30	uA	V _R = 10V

RATINGS AND CHARACTERISTIC CURVES

