

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

DESCRIPTION

The SCS400D is high frequency rectification for switching power supply.

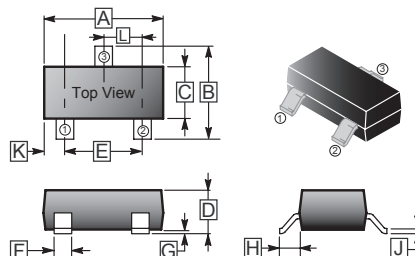
PACKAGE INFORMATION

Mass: 0.0123 g (approx.)

MARKING CODE

05F

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

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}	40	V
Peak Forward Surge Current at 8.3 m Sec single half sine-wave	I _{FSM}	3.0	A
Typical Junction Capacitance between Terminal (Note 1)	C _J	20	pF
Maximum Average Forward Rectified Current	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	Min.	Max.	Unit	Test Conditions
Reverse Breakdown Voltage	V _{(BR)R}	40	-	V	I _R = 100uA
Forward voltage	V _F	-	550	mV	I _F = 500mA
Reverse current	I _R	-	30	uA	V _{R1} = 10V
		-	50		V _{R2} = 30V

Notes: 1. Measured at 1.0 MHz and applied reverse voltage of 10 V.
2. ESD sensitive product handling required.

RATINGS AND CHARACTERISTIC CURVES

