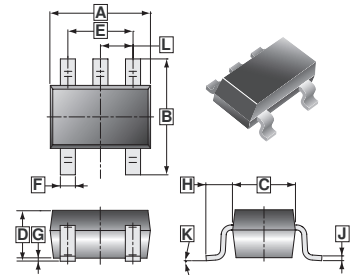


RoHS Compliant Product  
A suffix of "-C" specifies halogen & lead-free

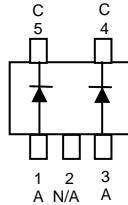
**SOT-353**



REF.	Millimeter		REF.	Millimeter	
	Min.	Max.		Min.	Max.
A	2.00	2.20	G	0.100	REF.
B	2.15	2.45	H	0.525	REF.
C	1.15	1.35	J	0.08	0.15
D	0.90	1.10	K		8°
E	1.20	1.40	L	0.650	TYP.
F	0.15	0.35			

**FEATURES**

- ◆ Low Current Rectification
- ◆ High Reliability



**MARKING:3U**

**MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS**

Rating 25°C ambient temperature unless otherwise specified.

TYPE NUMBER	SYMBOL	VALUE	UNIT
Peak Reverse Voltage	$V_{RM}$	30	V
DC Reverse	$V_R$	30	V
Peak Forward Surge Current	$I_{FSM}$	1	A
Mean Rectifying Current	$I_O$	0.2	A
Junction & Storage Temperature	$T_J, T_{STG}$	125, -40~125	°C

**MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS**

Rating 25°C ambient temperature unless otherwise specified.

PARAMETER	SYMBOL	MIN	MAX	UNIT	TEST CONDITION
Forward Voltage	$V_F$	-	0.28	V	$I_F=1mA$
		-	0.33	V	$I_F=10mA$
		-	0.43	V	$I_F=100mA$
		-	0.5	V	$I_F=200mA$
Reverse Current	$I_R$	-	30	µA	$V_R=10V$

**RATINGS AND CHARACTERISTIC CURVES**

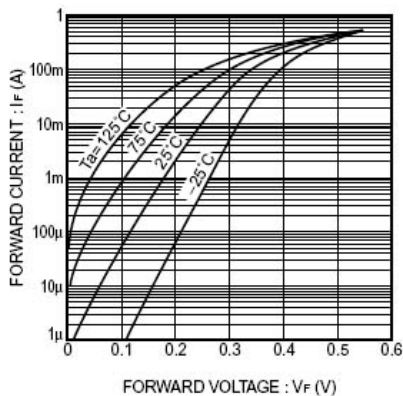


Fig. 1 Forward temperature characteristic

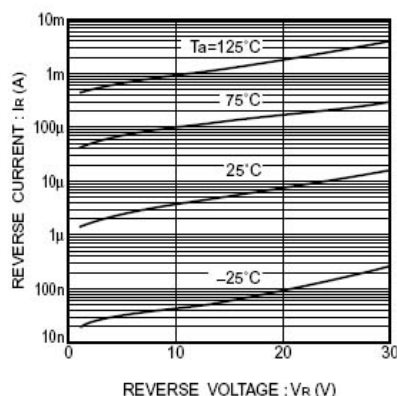


Fig. 2 Reverse temperature characteristic

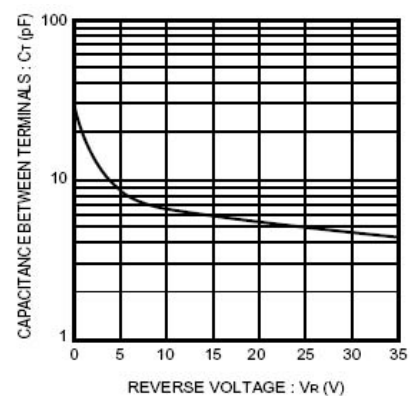


Fig. 3 Capacitance between terminals characteristic