

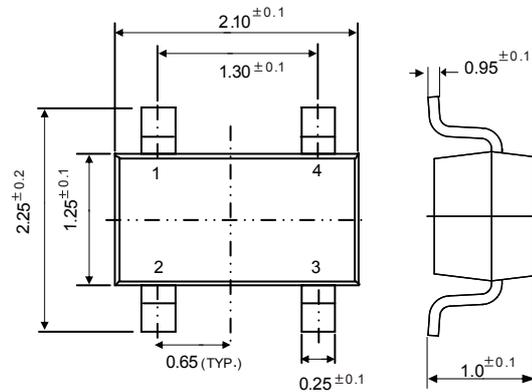
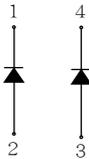
RoHS Compliant Product

A suffix of "-C" specifies halogen & lead-free

SOT-343

FEATURES

- *Low current rectification
- *High reliability



MARKING: 3U

Unit:mm

Maximum Ratings and Electrical Characteristics, Single Diode @T_A=25°C

Parameter	Symbol	Limits	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 temperature	T _J	125	°C
Storage temperature	T _{stg}	-40~+125	°C

60 Hz for 1 cycle

Electrical Ratings @T_A=25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	V _F			0.28	V	I _F =1mA
				0.33		I _F =10mA
				0.43		I _F =100mA
				0.5		I _F =200mA
Reverse current	I _R			30	µA	V _R =10V

Typical Characteristics

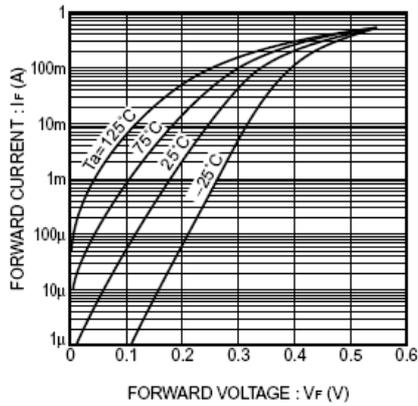


Fig. 1 Forward temperature characteristic

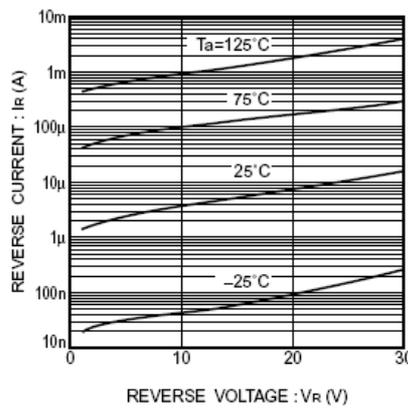


Fig. 2 Reverse temperature characteristic

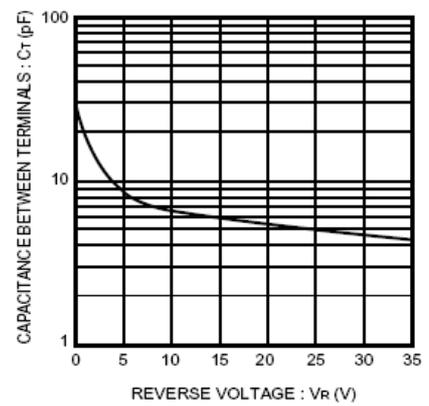


Fig. 3 Capacitance between terminals characteristic