

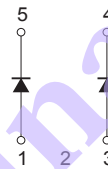
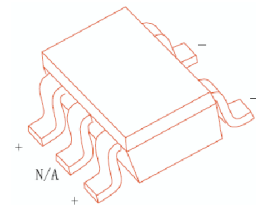


SCHOTTKY BARRIER DIODE

FEATURES

- Low current rectification
- High reliability
- **Pb-Free package is available**
RoHS product for packing code suffix "G"
Halogen free product for packing code suffix "H"
- **Moisture Sensitivity Level 1**

SOT-353



MARKING: 3T

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

Parameter	Symbol	Limit	Unit
Peak reverse voltage	V_{RM}	45	V
DC reverse	V_R	40	V
Peak forward current	I_{FM}	1	A
Mean rectifying current	I_o	0.1	A
Junction temperature	T_j	150	°C
Operating/Storage temperature	T_{stg}	-55~+150	°C

Electrical Ratings @T_a=25°C

Parameter	Symbol	Min	Typ	Max	Unit	Conditions
Forward voltage	V_F			450 600	mV	$I_F=10mA$ $I_F=100mA$
Reverse current	I_R			1 5	μA	$V_R=10V$ $V_R=40V$
Capacitance between terminals	C_T		6	25	pF	$V_R=0V$ $V_R=10V, f=1MHz$



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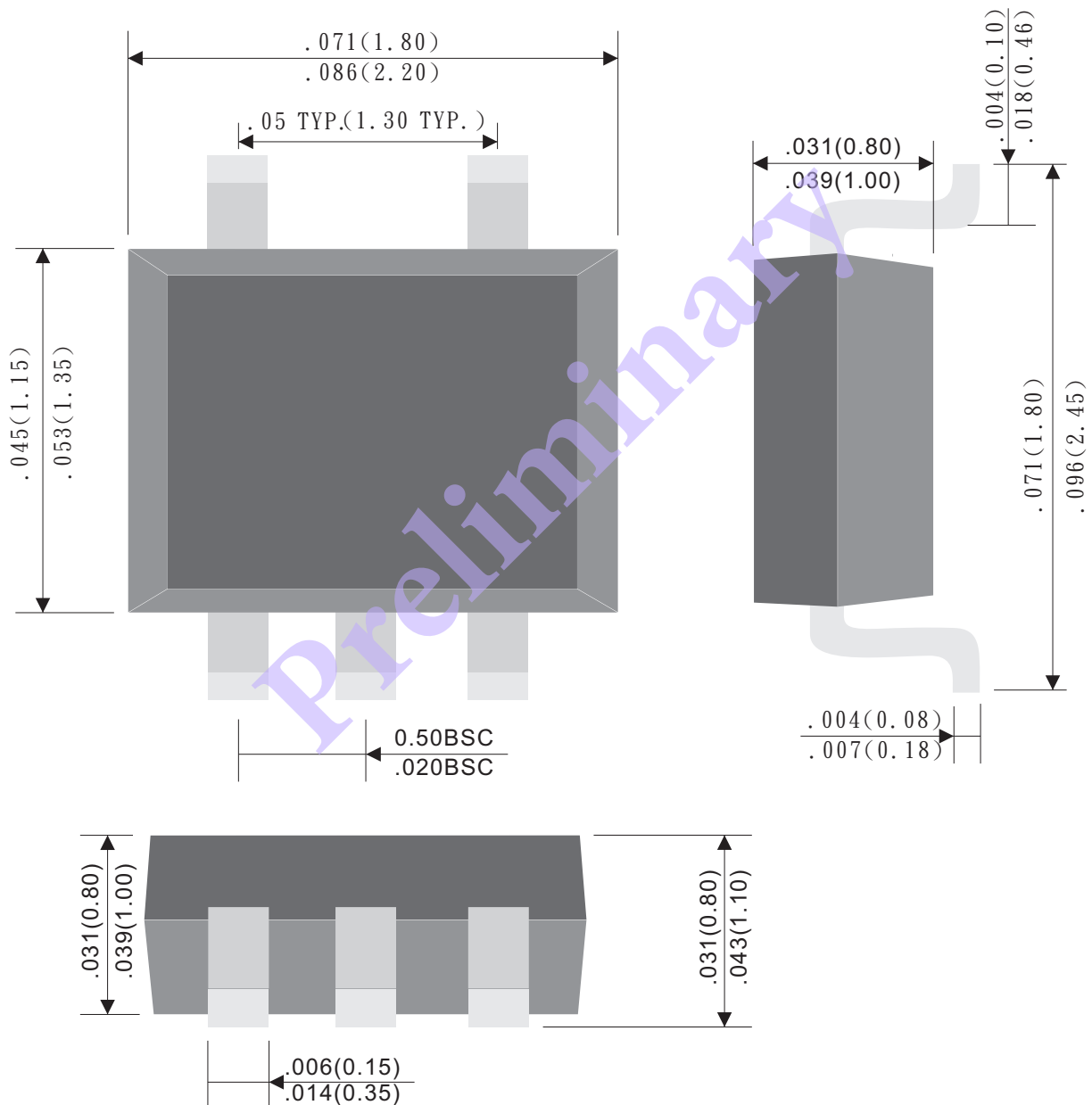


SOT-353 Plastic-Encapsulate Diodes

SCS480K

Outline Drawing

SOT-353



Dimensions in inches and (millimeters)

Rev.B



Ordering Information:

Device PN	Packing
SCS480K -T ⁽¹⁾ G ⁽²⁾ -WS	Tape&Reel: 3 Kpcs/Reel

Note: (1) Packing code, Tape & Reel Packing

(2) RoHS product for packing code suffix "G" ; Halogen free product for packing code suffix "H"

Disclaimer

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