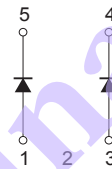
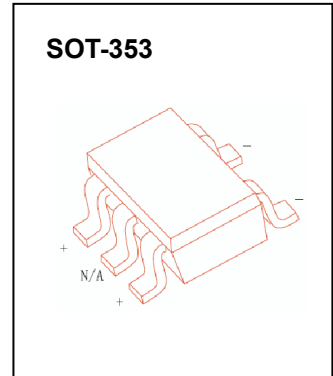




SCHOTTKY BARRIER DIODE

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



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
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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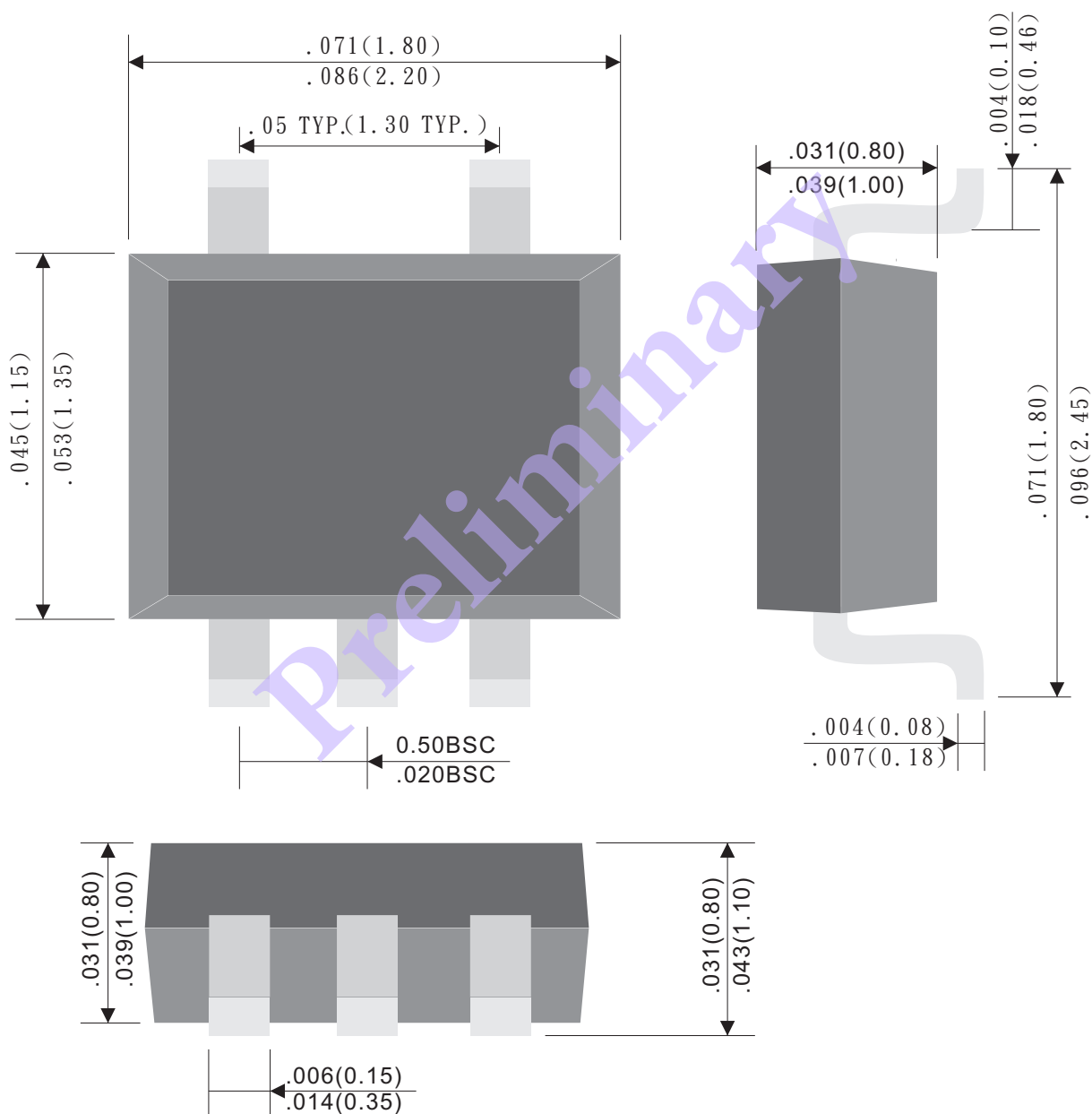


SOT-353 Plastic-Encapsulate Diodes

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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