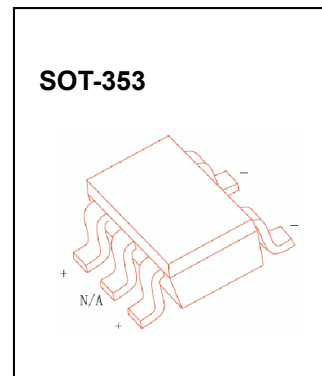
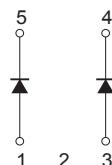




SCHOTTKY BARRIER DIODE

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: 3U

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

Parameter	Symbol	Limit	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
Power Dissipation	P_d	150	mW
Thermal Resistance Junction to Ambient	$R_{\theta JA}$	667	°C/W
Operating temperature	T_J	-55~+125	°C
Storage temperature	T_{stg}	-55~+150	°C

Electrical Ratings @Ta=25°C

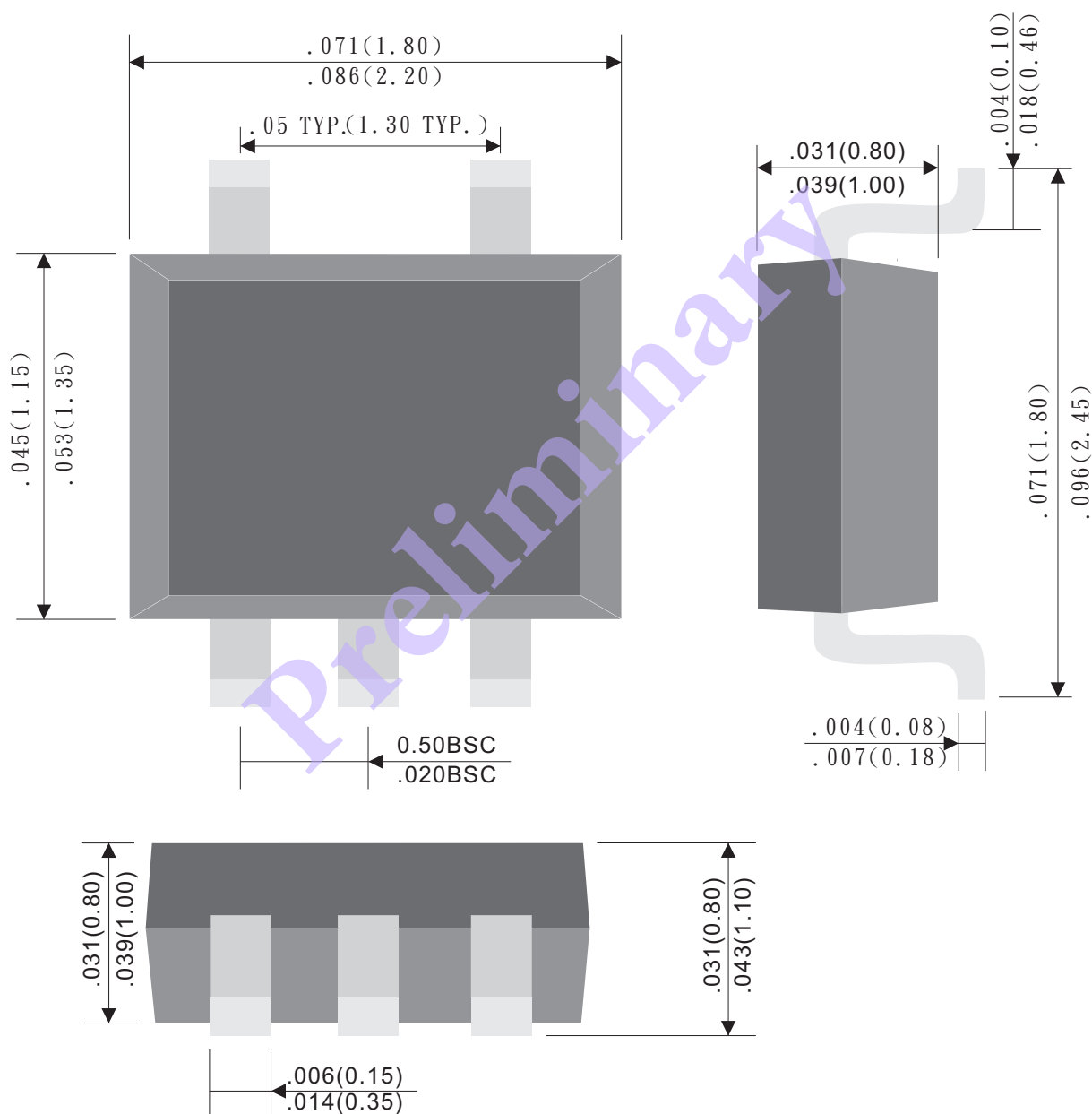
Parameter	Symbol	Min	Typ	Max	Unit	Conditions
Forward voltage	V_F			0.28 0.33 0.43 0.5	V	$I_F=1mA$ $I_F=10mA$ $I_F=100mA$ $I_F=200mA$
Reverse current	I_R			30	μA	$V_R=10V$



SOT-353 Plastic-Encapsulate Diodes

Outline Drawing

SOT-353



Dimensions in inches and (millimeters)

Rev.B



WILLAS



SOT-353 Plastic-Encapsulate Diodes

SCS481K

Ordering Information:

Device PN	Packing
SCS481K -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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