



WBFBP-02C Plastic-Encapsulate Diodes

Schottky Barrier Diode

DESCRIPTION

Silicon Epitaxial Planar

FEATURES

- Small surface mounting type
- High reliability
- Moisture Sensitivity Level 1

APPLICATION

High speed switching for detection

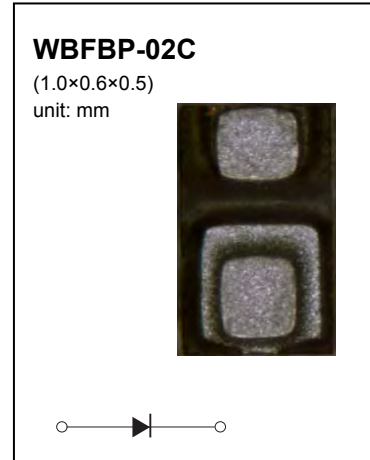
For portable equipment:(i.e. Mobile phone,MP3, MD,CD-ROM, DVD-ROM, Note Book PC, etc.)

Pb-Free package is available

RoHS product for packing code suffix "G"

Halogen free product for packing code suffix "H"

MARKING: F



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

Parameter	Symbol	Limit	Unit
DC reverse voltage	V_R	30	V
Mean rectifying current	I_o	100	mA
Peak forward surge current	I_{FSM}	1	A
Power dissipation	P_D	100	mW
Thermal Resistance from Junction to Ambient	$R_{\theta JA}$	1000	°C/W
Operating temperature	T_j	-55~+125	°C
Storage temperature	T_{stg}	-55~+150	°C

Electrical Ratings @Ta=25°C

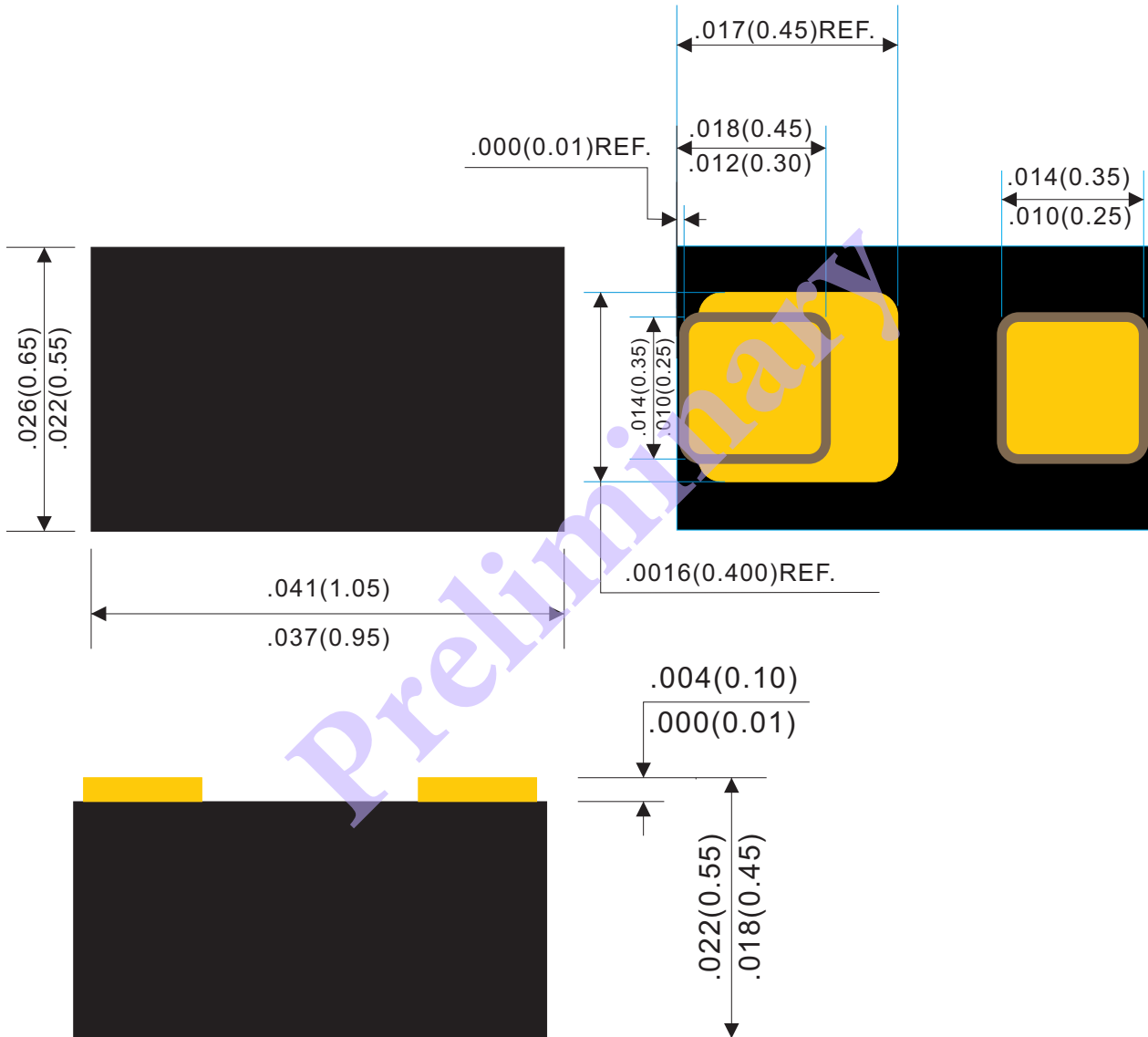
Parameter	Symbol	Min	Typ	Max	Unit	Conditions
Forward voltage	V_F			0.35	V	$I_F=10mA$
Reverse current	I_R			10	μA	$V_R=10V$



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Outline Drawing

WBFBP-02C



Dimensions in inches and (millimeters)

Rev.B



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Ordering Information:

Device PN	Packing
DS521-30WB -T ⁽¹⁾ G ⁽²⁾ -WS	Tape&Reel: 10 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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