



SCHOTTKY BARRIER DIODE

DESCRIPTION

Silicon Epitaxial Planar

FEATURES

- Small Surface Mounting Type
- Low Reverse Current and Low Forward Voltage
- High Reliability

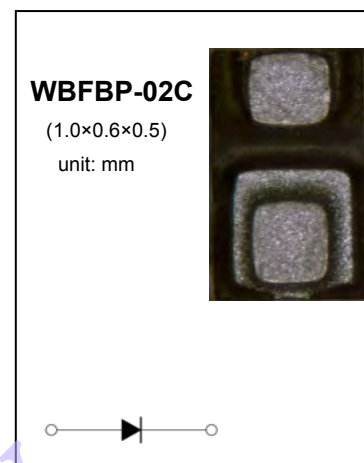
APPLICATION

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: E



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

Parameter	Symbol	Value	Unit
DC reverse voltage	V_R	30	V
Mean rectifying current	I_O	100	mA
Peak forward surge current	I_{FSM}	500	mA
Junction temperature	T_j	150	°C
Storage temperature	T_{stg}	-55~+150	°C

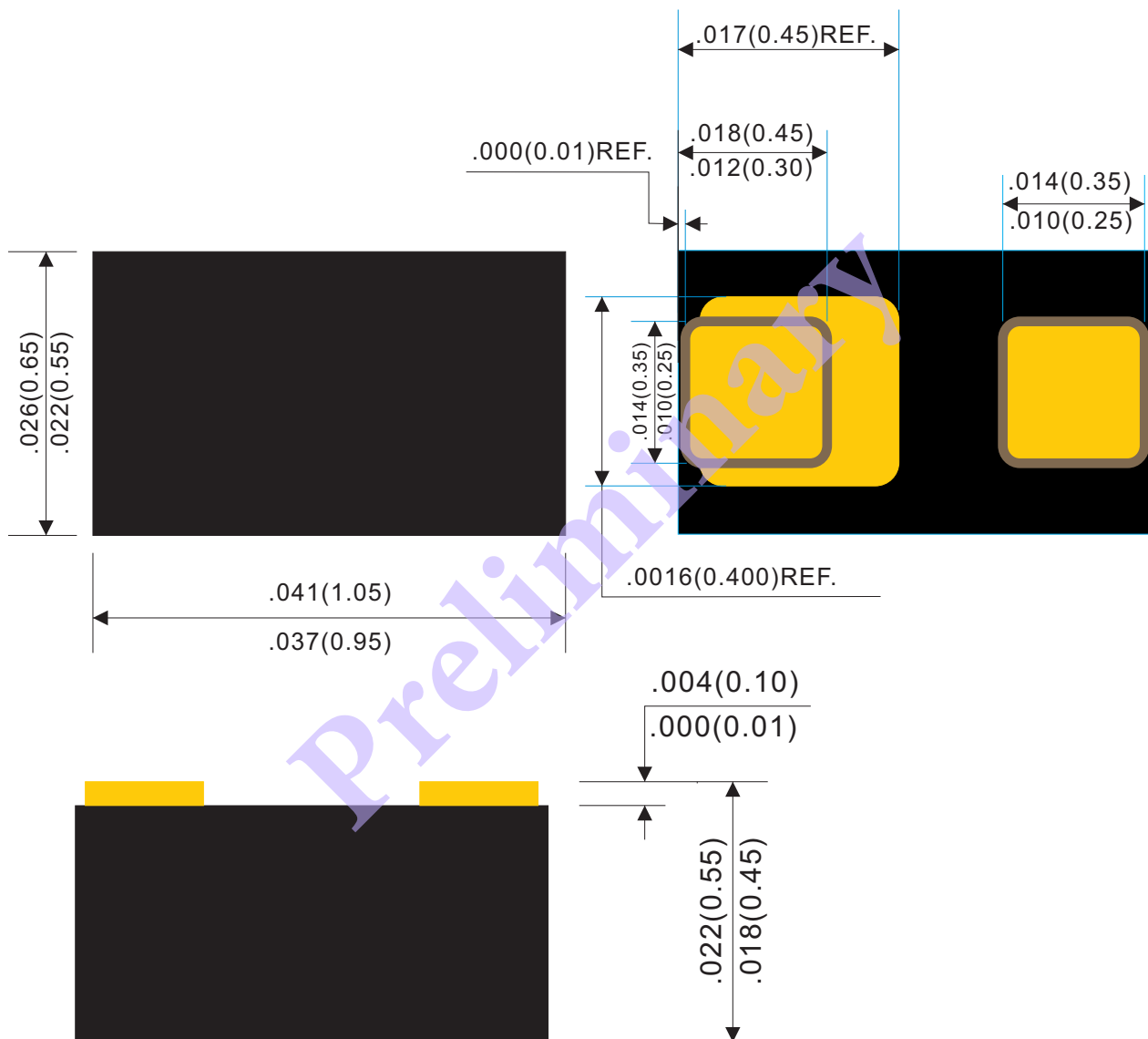
Electrical Ratings @Ta=25°C

Parameter	Symbol	Min	Typ	Max	Unit	Conditions
Forward voltage	V_F			0.45	V	$I_F=10mA$
Reverse current	I_R			0.5	μA	$V_R=10V$



Outline Drawing

WBFBP-02C



Dimensions in inches and (millimeters)

Rev.B