



## DB2X41400L

Silicon epitaxial planar type

For high frequency rectification

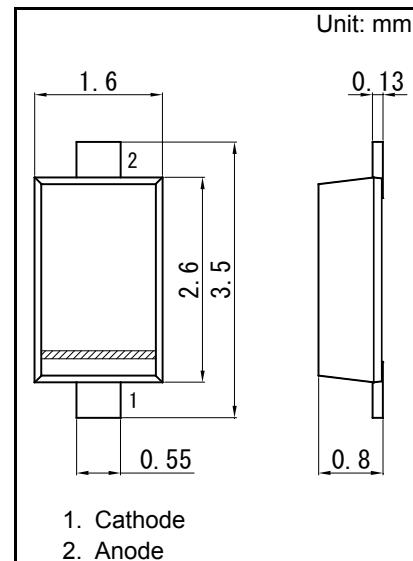
### ■ Features

- Low forward voltage VF
- Forward current (Average) IF(AV) = 2 A rectification is possible
- Halogen-free / RoHS compliant  
(EU RoHS / UL-94 V-0 / MSL:Level 1 compliant)

### ■ Marking Symbol: 4P

### ■ Packaging

Embossed type (Thermo-compression sealing) : 3 000 pcs / reel (standard)



Panasonic	Mini2-F4-B
JEITA	SC-109D
Code	SOD-123

### ■ Absolute Maximum Ratings Ta = 25 °C

Parameter	Symbol	Rating	Unit
Reverse voltage	VR	40	V
Repetitive peak reverse voltage	VRM	40	V
Forward current (Average) <sup>*1</sup>	IF(AV)	2	A
Non-repetitive peak forward surge current <sup>*2</sup>	IFSM	15	A
Junction temperature	T <sub>j</sub>	125	°C
Operating ambient temperature	T <sub>opr</sub>	-40 to +85	°C
Storage temperature	T <sub>stg</sub>	-55 to +125	°C

Note: \*1 For embedded alumina substrate

\*2 50 Hz sine wave 1 cycle (Non-repetitive peak current)

### Internal Connection

