

Panasonic

DB2441700L

Silicon epitaxial planar type

For rectification

■ Features

- Low forward voltage VF
- Forward current (Average) IF(AV) = 5 A rectification is possible
- Halogen-free / RoHS compliant
(EU RoHS / UL-94 V-0 / MSL:Level 1 compliant)

■ Marking Symbol: 4W

■ Packaging

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

■ Absolute Maximum Ratings Ta = 25 °C

Parameter	Symbol	Rating	Unit
Reverse voltage	VR	40	V
Repetitive peak reverse voltage	VRRM	40	V
Forward current (Average) ^{*1}	IF(AV)	5.0	A
Non-repetitive peak forward surge current ^{*2}	IFSM	50	A
Junction temperature	Tj	125	°C
Operating ambient temperature	Topr	-40 to +85	°C
Storage temperature	Tstg	-40 to +125	°C

Note: *1 For embedded alumina substrate (substrate size: 5 cm× 5 cm)

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

