

# Panasonic

## DB3X603K0L

Silicon epitaxial planar type

For high speed switching circuits

### ■ Features

- High reverse voltage VR
- Small reverse current IR
- Halogen-free / RoHS compliant  
(EU RoHS / UL-94 V-0 / MSL:Level 1 compliant)

### ■ Marking Symbol: 5L

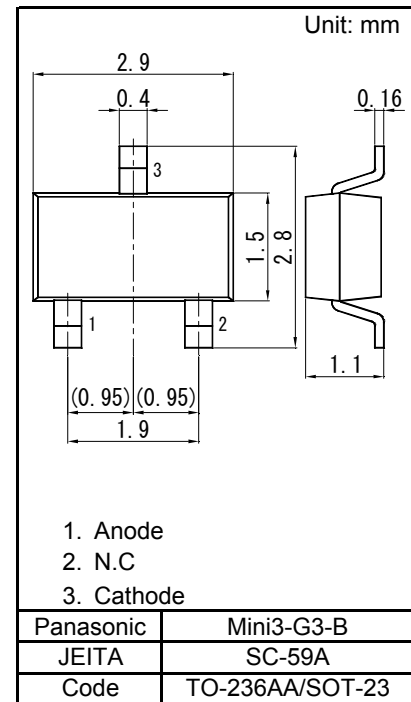
### ■ Packaging

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

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

Parameter	Symbol	Rating	Unit
Reverse voltage	VR	60	V
Maximum peak reverse voltage	VRM	60	V
Forward current (Average)	IF(AV)	500	mA
Non-repetitive peak forward surge current <sup>*1</sup>	IFSM	2	A
Junction temperature	Tj	125	°C
Operating ambient temperature	Topr	-40 to +85	°C
Storage temperature	Tstg	-55 to +125	°C

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



### Internal Connection

