

Panasonic

DB2141300L

Silicon epitaxial planar type

For rectification

■ Features

- Low forward voltage and small reverse leakage current
- Forward current (Average) $I_F(AV) = 2$ A rectification is possible
- Halogen-free / RoHS compliant
(EU RoHS / UL-94 V-0 / MSL:Level 1 compliant)

■ Marking Symbol: 4N

■ Packaging

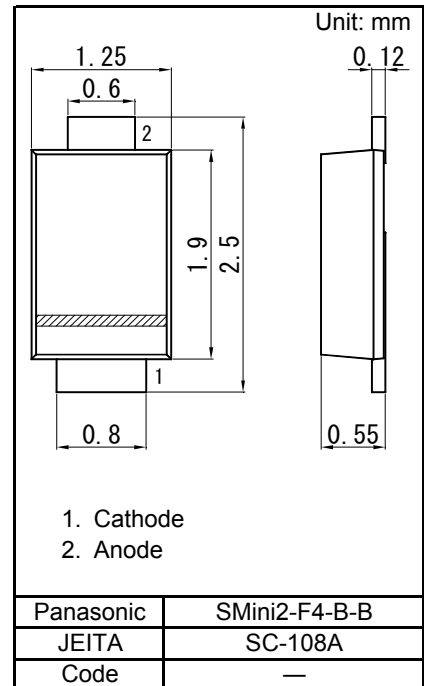
Embossed type (Thermo-compression sealing) : 3 000 pcs / reel (standard)

■ Absolute Maximum Ratings $T_a = 25$ °C

Parameter	Symbol	Rating	Unit
Reverse voltage (direct current)	VR	40	V
Forward current (average) ^{*1}	$I_F(AV)$	2.0	A
Non-repetitive peak forward surge current ^{*2}	IFSM	30	A
Junction temperature ^{*1}	T _j	150	°C
Operating ambient temperature	T _{opr}	-40 to +85	°C
Storage temperature	T _{stg}	-55 to +150	°C

Note: *1 T_I = 80 °C

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



Internal Connection

