

DBB10

Diffused Junction Silicon Diode

1.0A Single-Phase Bridge Rectifier

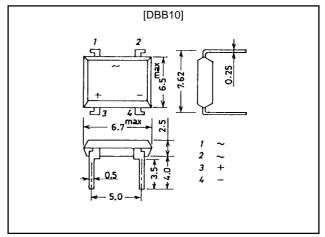
Features

- · Plastic molded structure.
- \cdot Peak reverse voltage:V $_{RM}\!\!=\!\!100$ to 600V.
- · Average rectified current:I_O=1.0A.

Package Dimensions

unit:mm

1112



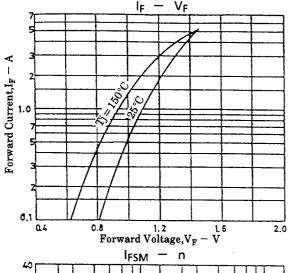
Specifications

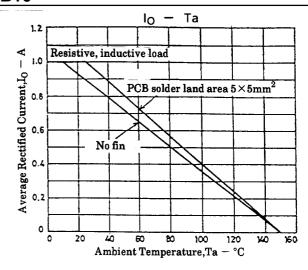
Absolute Maximum Ratings at Ta = 25°C

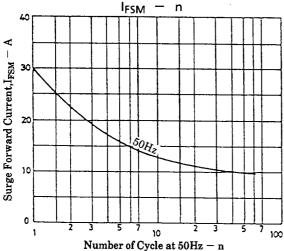
Parameter	Symbol	Conditions	DBB10B	DBB10E	DBB10G	Unit
Peak Reverse Voltage	V _{RM}		100	400	600	V
Average Recitified Current	lo		\rightarrow	\rightarrow	1.0	Α
Surge Forward Current	IFSM	50Hz sine wave, 1cycle	\rightarrow	\rightarrow	30	Α
Junction Temperature	Tj		\rightarrow	\rightarrow	150	°C
Storage Temperature	Tstg		\rightarrow	\rightarrow	-40 to +150	°C

Electrical Characteristics at Ta = 25°C, per constituent element of bridge

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	Onit
Forward Voltage	٧ _F	I _F =0.5A			1.0	V
Reverse Current	I _R	V _{RM} :At each V _{RM}			10	μΑ







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