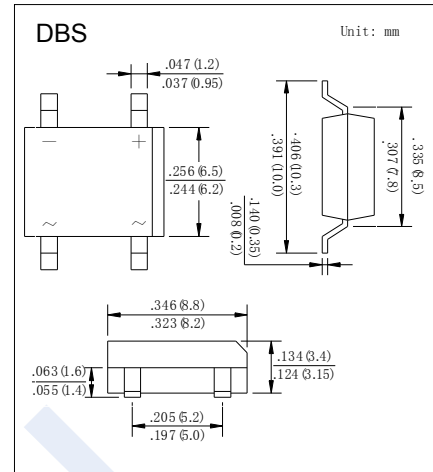


Rectifier Diodes

DB201GS~DB207GS

■ Features

- Rating to 1000V PRV
- Ideal for printed circuit board
- High Current Capability
- Low forward voltage drop,high current capability
- The plastic material has UL flammability classification 94V-0



■ Absolute Maximum Ratings Ta = 25°C

Parameter	Symbol	DB 201GS	DB 202GS	DB 203GS	DB 204GS	DB 205GS	DB 206GS	DB 207GS	Unit
Peak Repetitive Reverse Voltage	V _{RRM}								V
Working Peak Reverse Voltage	V _{RWM}	50	100	200	400	600	800	1000	
DC Blocking Voltage	V _R								
RMS Reverse Voltage	V _{R(RMS)}	35	70	140	280	420	560	700	
Average Rectified Output Current	I _o	2							A
Non-Repetitive Peak Forward Surge Current 8.3ms Single half sine-wave superimposed on rated load (JEDEC Method)	I _{FSM}	60							
Forward Voltage @ I _F = 2 .0A	V _{FM}	1.1							V
Peak Reverse Current @ Ta = 25°C	I _{RM}	10							uA
At Rated DC Blocking Voltage @ Ta = 125°C		500							
I ² t Rating For Fusing (t<8.3ms)	I ² t	10.4							A ² s
Typical Junction Capacitance	C _j	25							pF
Thermal Resistance Junction to Ambient	R _{θJA}	40							°C/W
Junction Temperature	T _J	150							°C
Storage Temperature Range	T _{stg}	-55 to 150							

Rectifier Diodes

DB201GS~DB207GS

■ Typical Characteristics

