

TOSHIBA Rectifier Silicon Diffused Type

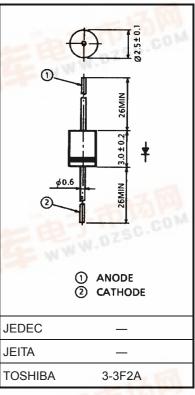
S5688B, S5688G, S5688J, S5688N

General Purpose Rectifier Application

- Average forward current: IF (AV) = 1.0 A
- Repetitive peak reverse voltage: $V_{RRM} = 100 \sim 1000 \text{ V}$

Maximum Ratings (Ta = 25°C)

Characteristic		Symbol	Ratings	Unit	
Repetitive peak reverse voltage	S5688B		100	V	
	S5688G	V_{RRM}	400		
	S5688J	VRRM	600		
	S5688N		1000		
Average forward current		I _{F (AV)}	1.0	Α	
Peak one cycle surge forward current (non repetitive)	S5688B S5688G	I _{FSM}	45 (50 Hz)	A	
			49 (60 Hz)		
	\$5688J \$5688N		30 (50 Hz)		
			33 (60 Hz)		
Junction temperature		Tj	-40 ~ 150	°C	
Storage temperature range		T _{stg}	-40~150	°C	



Unit: mm

Weight: 0.18 g (typ.)

Electrical Characteristics (Ta = 25°C)

Characteristic	Symbol	Test condition	Min	Тур.	Max	Unit
Peak forward voltage	V _{FM}	I _{FM} = 1.0 A	_	_	1.2	V
Repetitive peak reverse current	I _{RRM}	V _{RRM} = rated	_	_	10	μΑ

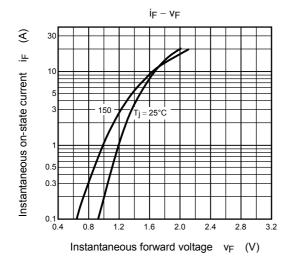
Marking

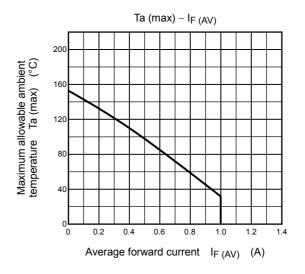


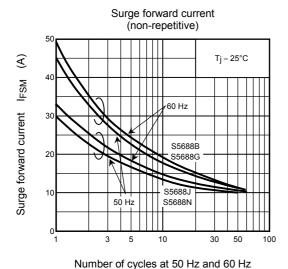
Code	Туре
В	S5688B
G	S5688G
J	S5688J
N	S5688N

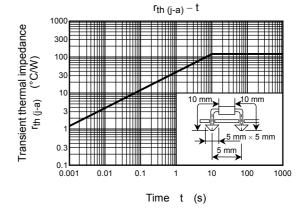


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