

TOSHIBA RECTIFIER SILICON DIFFUSED TYPE

S5688B, S5688G, S5688J, S5688N

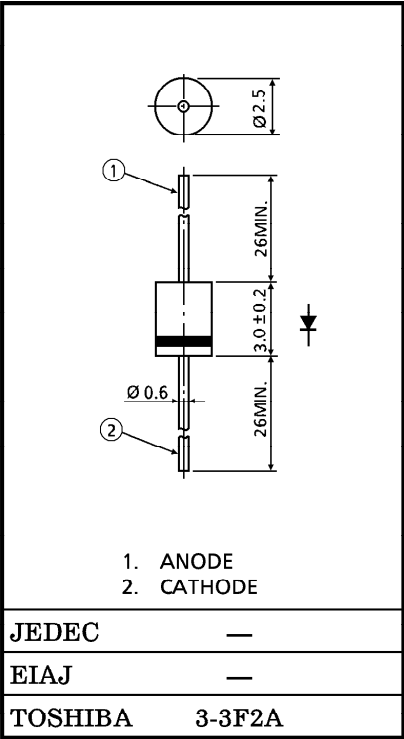
GENERAL PURPOSE RECTIFIER APPLICATIONS.

Unit in mm

- Average Forward Current : $I_F(AV)=1.0A$
- Repetitive Peak Reverse Voltage : $V_{RRM}=100\sim1000V$

MAXIMUM RATINGS (Ta = 25°C)

CHARACTERISTIC		SYMBOL	RATINGS	UNIT
Repetitive Peak Reverse Voltage	S5688B	V_{RRM}	100	V
	S5688G		400	
	S5688J		600	
	S5688N		1000	
Average Forward Current		$I_F(AV)$	1.0	A
Peak One Cycle Surge Forward Current (Non Repetitive)	S5688B	I_{FSM}	45 (50Hz)	A
	S5688G		49 (60Hz)	
	S5688J		30 (50Hz)	
	S5688N		33 (60Hz)	
Junction Temperature		T_j	-40~150	°C
Storage Temperature Range		T_{stg}	-40~150	°C



ELECTRICAL CHARACTERISTICS (Ta = 25°C)

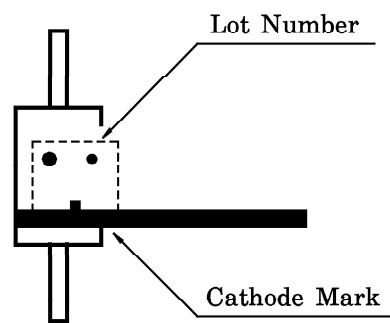
Weight : 0.18g

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Peak Forward Voltage	V_{FM}	$I_{FM}=1.0A$	—	—	1.2	V
Repetitive Peak Reverse Current	I_{RRM}	$V_{RRM}=\text{Rated}$	—	—	10	μA

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MARK



Color

TYPE	COLOR
S5688B	White
S5688G	Blue
S5688J	Yellow
S5688N	Green

LOT NUMBER

YEAR MONTH	1996	1997	1998
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			

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