

S5688B/G/J/N

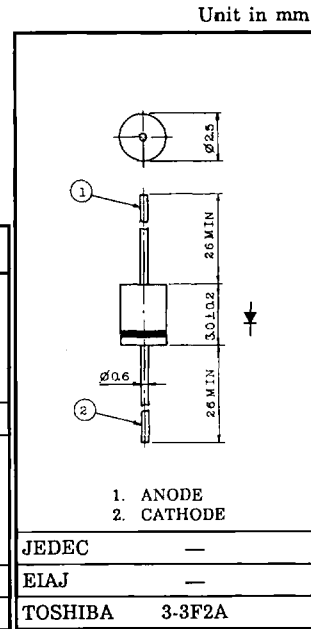
SILICON DIFFUSED TYPE RECTIFIER

○ GENERAL PURPOSE RECTIFIER APPLICATIONS.

- Average Forward Current : $I_F(AV) = 1.0A$
- Repetitive Peak Reverse Voltage : $V_{RRM} = 100 \sim 1000V$

MAXIMUM RATINGS

CHARACTERISTIC	SYMBOL	RATINGS	UNIT
Repetitive Peak Reverse Voltage	S5688B	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	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

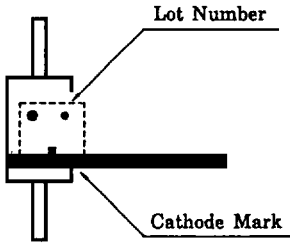


Weight : 0.18g

ELECTRICAL CHARACTERISTICS ($T_a = 25^\circ C$)

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

MARK



Color

TYPE	COLOR
S5688B	White
S5688G	Blue
S5688J	Yellow
S5688N	Green

Lot Number

YEAR MONTH	1993	1994	1995
1	●	●	●
2	● ●	● ●	● ●
3	● ● ●	● ● ●	● ● ●
4	● ● ● ●	● ● ● ●	● ● ● ●
5	●	●	●
6	● ●	● ●	● ●
7	● ● ●	● ● ●	● ● ●
8	● ● ● ●	● ● ● ●	● ● ● ●
9	● ●	● ●	● ●
10	● ● ●	● ● ●	● ● ●
11	● ● ● ●	● ● ● ●	● ● ● ●
12			

