

# S5566B/G/J/N

## SILICON DIFFUSED TYPE RECTIFIER

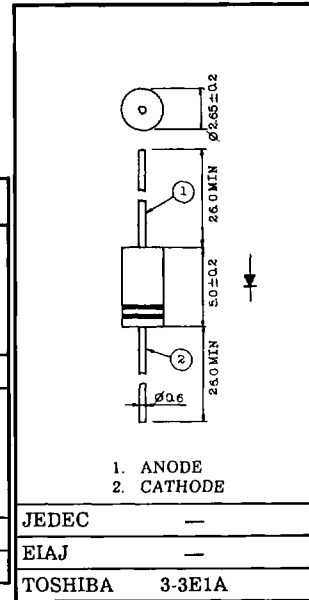
○ GENERAL PURPOSE RECTIFIER APPLICATIONS.

- Average Forward Current :  $I_F(AV) = 1A$
- Repetitive Peak Reverse Voltage :  $V_{RRM} = 100 \sim 1000V$

MAXIMUM RATINGS

CHARACTERISTIC		SYMBOL	RATINGS	UNIT
Repetitive Peak Reverse Voltage	S5566B	$V_{RRM}$	100	V
	S5566G		400	
	S5566J		600	
	S5566N		1000	
Average Forward Current		$I_F(AV)$	1.0	A
Peak One Cycle Surge Forward Current (Non Repetitive)	S5566B	$I_{FSM}$	45 (50Hz)	A
	S5566G		49 (60Hz)	
	S5566J		30 (50Hz)	
	S5566N		33 (60Hz)	
Junction Temperature		$T_j$	-40~150	°C
Storage Temperature Range		$T_{stg}$	-40~150	°C

Unit in mm

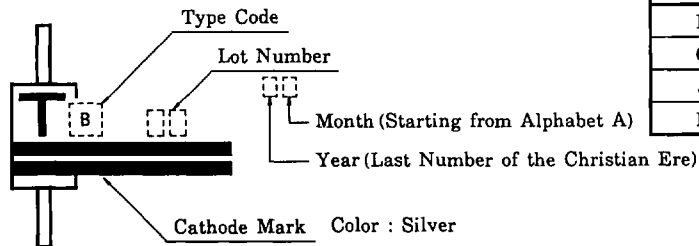


Weight : 0.225g

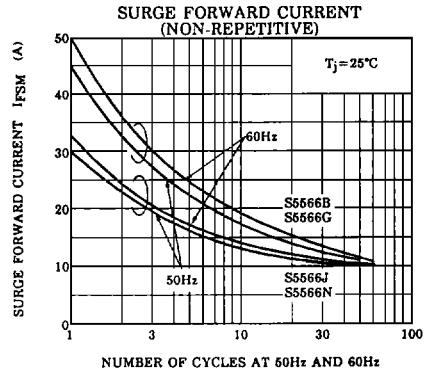
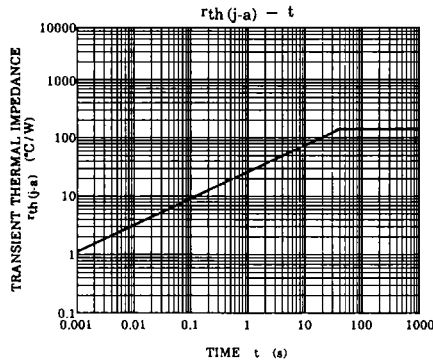
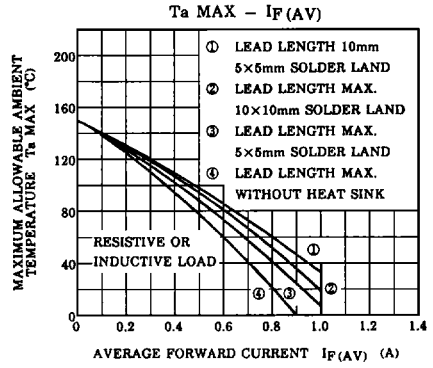
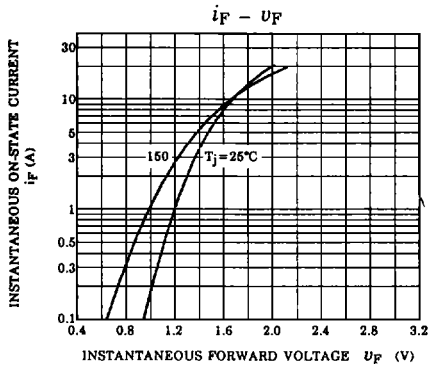
ELECTRICAL CHARACTERISTICS ( $T_a = 25^\circ C$ )

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	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	$\mu A$

MARK



CODE	TYPE
B	S5566B
G	S5566G
J	S5566J
N	S5566N



NOTE :  $r_{th}$  MEASUREMENT CONDITION

- MAXIMUM LEAD LENGTH MAX.
- WITHOUT HEAT SINK