TOSHIBA RECTIFIER SILICON DIFFUSED TYPE

S5566B, S5566G, S5566J, S5566N

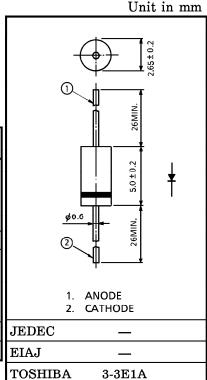
GENERAL PURPOSE RECTIFIER APPLICATIONS.

Average Forward Current : $I_{F(AV)}=1A$

Repetitive Peak Reverse Voltage: V_{RRM}=100~1000V

MAXIMUM RATINGS (Ta = 25°C)

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

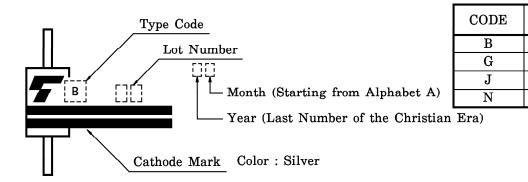


Weight: 0.225g

ELECTRICAL CHARACTERISTICS (Ta = 25°C)

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

MARK



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TYPE

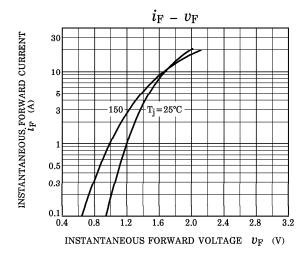
S5566B

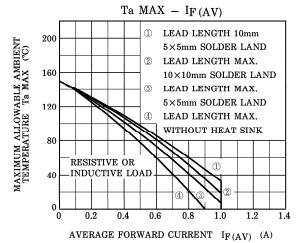
S5566G

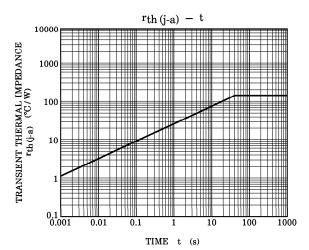
S5566J

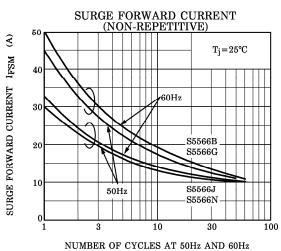
S5566N

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NOTE : \mathbf{r}_{th} Measurement condition

- MAXIMUM LEAD LENGTH MAX.
- WITHOUT HEAT SINK

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