

STANDARD RECTIFIER

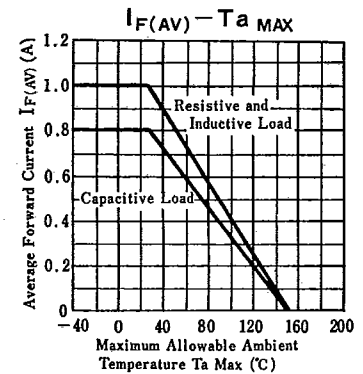
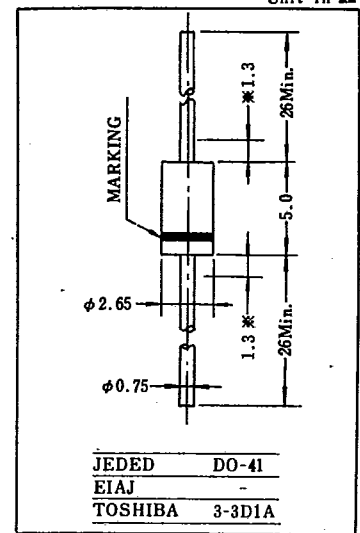
TOSHIBA (DISCRETE/OPTO)

39 DE 9097250 0002222 3

S5277N 1000V 1A

MAXIMUM RATINGS

CHARACTERISTIC	SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	S5277B	100	V
	S5277D	200	
	S5277G	400	
	S5277J	600	
	S5277L	800	
	S5277N	1000	
Average Forward Current (Ta=25°C)	I _{F(AV)}	1.0	A
Peak Forward Current	I _{FM}	2	A
Peak One Cycle Surge Forward Current (Non-Repetitive)	I _{FSM}	B~G 50(50Hz)	A
		J~N 30(50Hz)	
Junction Temperature	T _j	-40~150	°C
Storage Temperature Range	T _{stg}	-40~150	°C



ELECTRICAL CHARACTERISTICS (Ta=25°C)

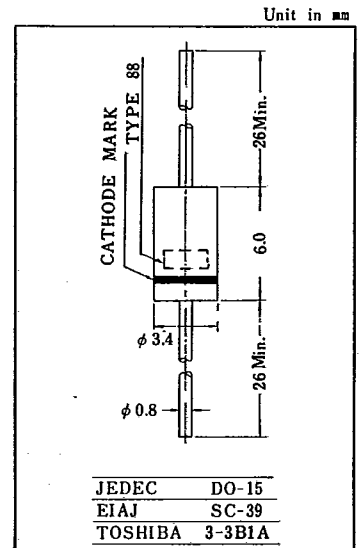
CHARACTERISTIC	SYMBOL	CONDITION	MIN.	TYP.	MAX.	UNIT
Peak Forward Voltage	V _{FM}	I _{FM} =1.0A	-	-	1.2	V
Repetitive Peak Reverse Current	I _{RRM}	V _{RRM} =Rated	-	-	10	μA

- Soldering : 0mm is the minimum to be kept between case and soldering part.
- Lead Bending : 5mm is the minimum to be kept from the case when bend the lead wire.
- Marking Colour
S5277B : White, S5277D : Orange, S5277G : Blue
S5277J : Yellow, S5277L : Pink, S5277N : Green

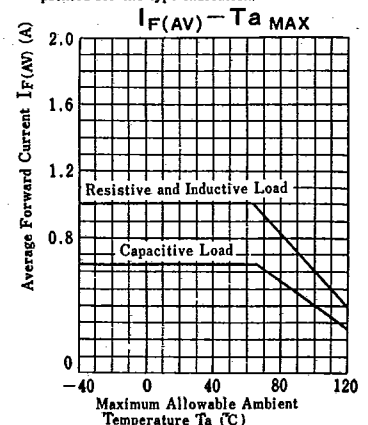
1S1888 600V 1A

MAXIMUM RATINGS

CHARACTERISTIC	SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	1S1885	100	V
	1S1886	200	
	1S1887	400	
	1S1888	600	
Average Forward Current (Ta=65°C)	I _O	1	A
Peak One Cycle Surge Forward Current (Non-Repetitive)	I _{FSM}	60(50Hz)	A
Junction Temperature	T _j	-40~150	°C
Storage Temperature Range	T _{stg}	-40~150	°C



The ending 2 characters of the type are printed for the type indication.



ELECTRICAL CHARACTERISTICS (Ta=25°C)

CHARACTERISTIC	SYMBOL	CONDITION	MIN.	TYP.	MAX.	UNIT
Peak Forward Voltage	V _{FM}	I _{FM} =1.5A, T _a =25°C	-	-	1.2	V
Repetitive Peak Reverse Current	I _{RRM}	V _{RRM} =Rated, T _j =150°C	-	-	0.4	mA

- Soldering : 5mm is the minimum to be kept between case and soldering part.
- Lead Bending : 5mm is the minimum to be kept from the case when bend the lead wire.

RECTIFIERS