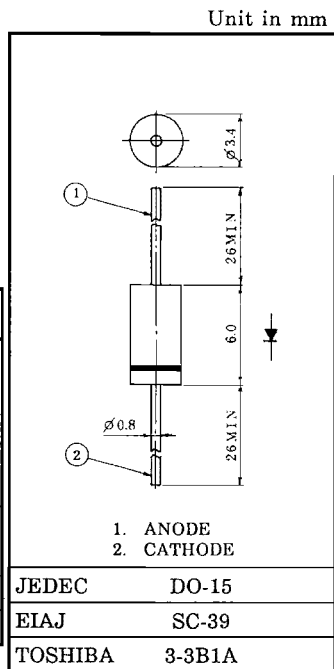


GENERAL PURPOSE RECTIFIER APPLICATIONS.

- Average Forward Current : $I_{F(AV)} = 1.2A$ ($T_a = 60^\circ C$)
- Repetitive Peak Reverse Voltage : $V_{RRM} = 100 \sim 600V$
- Peak One Cycle Surge Forward Current (Non Repetitive)
: $I_{FSM} = 100A$ (50Hz)

MAXIMUM RATINGS

CHARACTERISTIC	SYMBOL	RATINGS	UNIT
Repetitive Peak Reverse Voltage	1S1885A	100	V
	1S1887A	400	
	1S1888A	600	
Average Forward Current ($T_a = 50^\circ C$)	$I_F(AV)$	1.2	A
Peak One Cycle Surge Forward Current (Non Repetitive)	I_{FSM}	100 (50Hz)	A
		110 (60Hz)	
Junction Temperature	T_j	$-40 \sim 150$	$^\circ C$
Storage Temperature Range	T_{stg}	$-40 \sim 150$	$^\circ C$

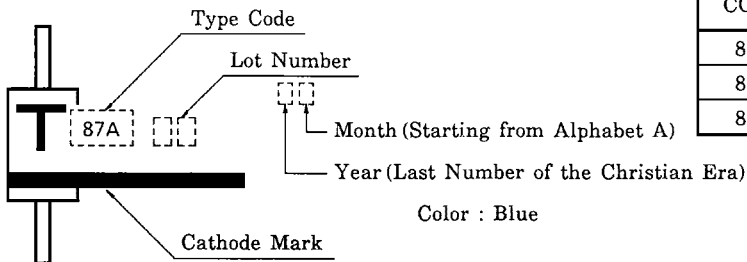


ELECTRICAL CHARACTERISTICS ($T_a = 25^\circ C$)

Weight : 0.42g

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	MAX.	UNIT
Peak Forward Voltage	V_{FM}	$I_{FM} = 5A$	—	1.0	V
Repetitive Peak Reverse Current	I_{RRM}	$V_{RRM} = \text{Rated}$	—	10	μA
Thermal Resistance (Junction to Ambient)	$R_{th(j-a)}$	DC	—	100	$^\circ C/W$

MARK



CODE	TYPE
85A	1S1885A
87A	1S1887A
88A	1S1888A

