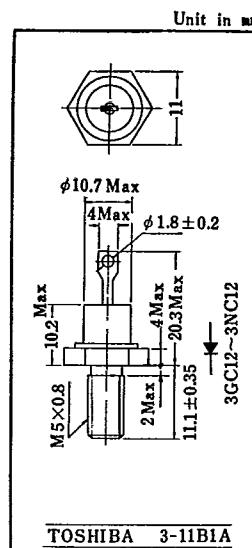
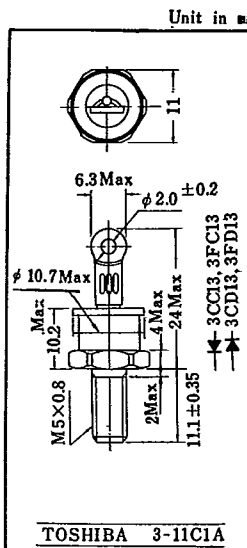


**3NC12** 1000V 3A

**MAXIMUM RATINGS**

CHARACTERISTIC	SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	3CC13, 3CD13	150	V
	3FC13, 3FD13	300	
	3GC12	400	
	3JC12	600	
	3LC12	800	
	3NC12	1000	
Peak Forward Voltage * (Ta=50°C)	I <sub>F(AV)</sub>	3	A
Peak One Cycle Surge Forward Current (Non-Repetitive)	I <sub>FSM</sub>	90 (50Hz)	A
Storage Temperature Range	T <sub>stg</sub>	-40~150	°C
Stud Torque		20	kgcm

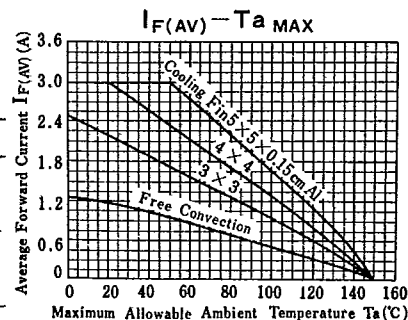
\* Resistive and inductive load (For the capacitive load, reduce the current to 70% or less.)



TOSHIBA 3-11C1A TOSHIBA 3-11B1A  
 AC23A is available as an accessory. AC23A is available as an accessory.

**ELECTRICAL CHARACTERISTICS**

CHARACTERISTIC	SYMBOL	CONDITION	MIN.	TYP.	MAX.	UNIT
Peak Forward Voltage	V <sub>FM</sub>	I <sub>FM</sub> = 3A, Ta = 25°C	-	-	1.2	V
Repetitive Peak Reverse Current	I <sub>RRM</sub>	V <sub>RRM</sub> = Rated, T <sub>j</sub> = 150°C	-	-	1.0	mA

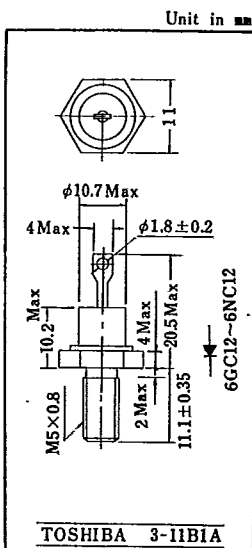
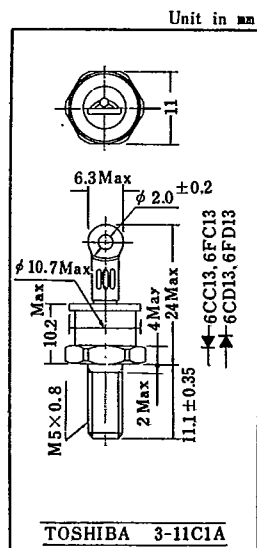


**6NC12** 1000V 6A

**MAXIMUM RATINGS**

CHARACTERISTIC	SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	6CC13, 6CD13	150	V
	6FC13, 6FD13	300	
	6GC12	400	
	6JC12	600	
	6LC12	800	
	6NC12	1000	
Average Forward Current * (Ta=50°C)	I <sub>F(AV)</sub>	6	A
Peak One Cycle Surge Forward Current (Non-Repetitive)	I <sub>FSM</sub>	200 (50Hz)	A
Storage Temperature Range	T <sub>stg</sub>	-40~150	°C
Stud Torque		20	kgcm

\* Resistive and inductive load (For the capacitive load, reduce the current to 70% or less.)



TOSHIBA 3-11C1A TOSHIBA 3-11B1A  
 AC23A is available as an accessory. AC23A is available as an accessory.

**ELECTRICAL CHARACTERISTICS**

CHARACTERISTIC	SYMBOL	CONDITION	MIN.	TYP.	MAX.	UNIT
Peak Forward Voltage	V <sub>FM</sub>	I <sub>FM</sub> = 6A, Ta = 25°C	-	-	1.2	V
Repetitive Peak Reverse Current	I <sub>RRM</sub>	V <sub>RRM</sub> = Rated, T <sub>j</sub> = 150°C	-	-	1.3	mA

