

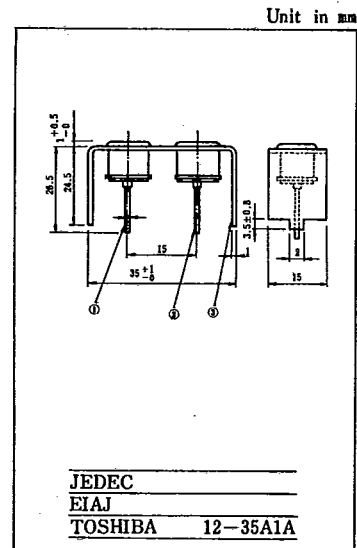
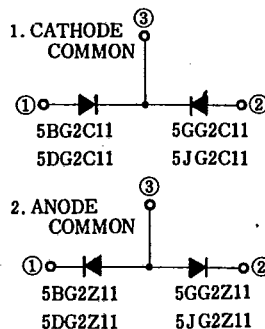
# RECTIFIER STACK (HIGH-SPEED CENTER TAP)

**5JG2C11** 600V 5A

## MAXIMUM RATINGS

CHARACTERISTIC	SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	5BG2C11, 5BG2Z11	100	V
	5DG2C11, 5DG2Z11	200	
	5GG2C11, 5GG2Z11	400	
	5JG2C11, 5JG2Z11	600	
Average Output Rectified Current (Ta=40°C) (Fig. 1)	I <sub>O</sub>	5	A
Peak One Cycle Surge Forward Current (Non-Repetitive)	I <sub>FSM</sub>	150(50Hz)	A
Storage Temperature Range	T <sub>j</sub>	-20~150	°C
Junction Temperature	T <sub>stg</sub>	-20~150	°C

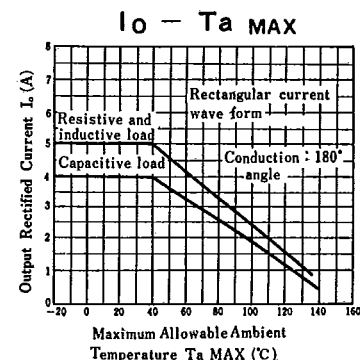
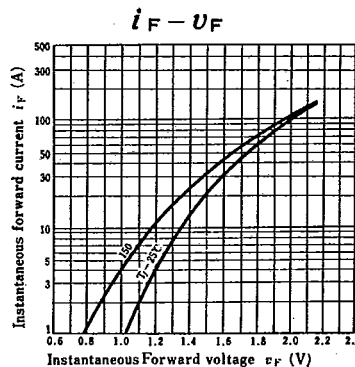
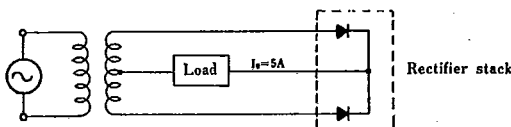
### POLARITY



## ELECTRICAL CHARACTERISTICS

CHARACTERISTIC	SYMBOL	CONDITION	MIN.	TYP.	MAX.	UNIT
Peak forward voltage	V <sub>FM</sub>	I <sub>FM</sub> =30A, Ta=25°C	-	-	1.6	V
Repetitive peak reverse current	I <sub>RRM</sub>	V <sub>RRM</sub> =Rated, T <sub>j</sub> =150°C	-	-	6.0	mA
Reverse recovery time	t <sub>rr</sub>	I <sub>O</sub> =1A, V <sub>R</sub> =30V, Ta=25°C	-	-	200	μs

Fig. 1 NORMAL CIRCUIT

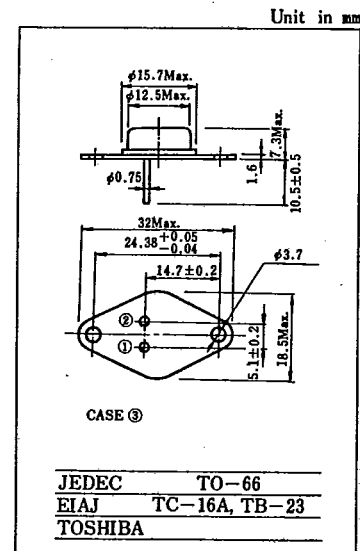
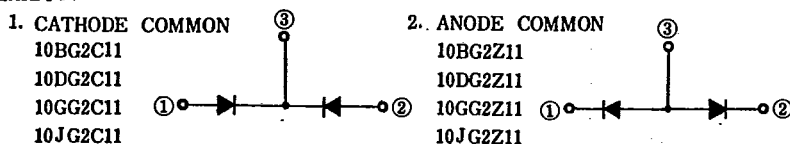


**10JG2C11** 600V 10A

## MAXIMUM RATINGS

CHARACTERISTIC	SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	10BG2C11, 10BG2Z11	100	V
	10DG2C11, 10DG2Z11	200	
	10GG2C11, 10GG2Z11	400	
	10JG2C11, 10JG2Z11	600	
Average Output Rectified Current	I <sub>O</sub>	10	A
Peak One Cycle Surge Forward Current (Non-Repetitive)	I <sub>FSM</sub>	60(50Hz)	A
Junction Temperature	T <sub>j</sub>	-40~150	°C
Storage Temperature Range	T <sub>stg</sub>	-40~150	°C

### POLARITY



## ELECTRICAL CHARACTERISTICS

CHARACTERISTIC	SYMBOL	CONDITION	MIN.	TYP.	MAX.	UNIT
Peak Forward Voltage	V <sub>FM</sub>	I <sub>FM</sub> =10A	-	-	1.6	V
Repetitive Peak Reverse Current	I <sub>RRM</sub>	V <sub>RRM</sub> =Rated, T <sub>j</sub> =150°C	-	-	3.0	mA
Reverse Recovery Time	t <sub>rr</sub>	I <sub>FSM</sub> =10A di/dt=10A/μs	-	-	700	μs