

15J4B41

600V 15A

Unit in mm

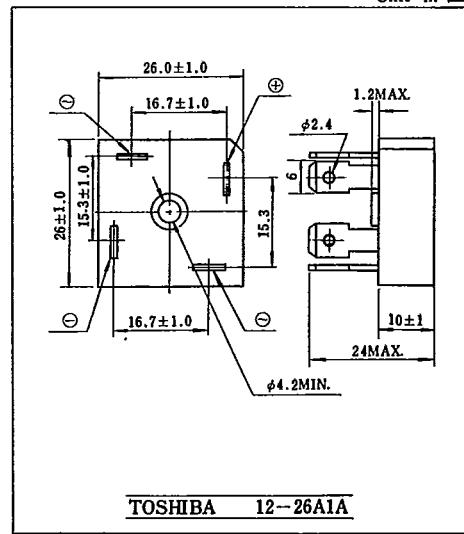
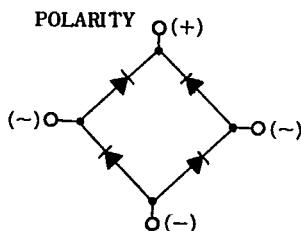
**MAXIMUM RATINGS**

CHARACTERISTIC	SYMBOL	RATING	UNIT
Repetitive Peak reverse voltage	VRMM	100	V
		200	
		400	
		600	
Average Output Rectified Current	Io	5.0	A
		15	
Peak One Cycle Surge Current	IFSM	250	A
Junction temperature	T <sub>j</sub>	-40~150	°C
Storage Temperature Range	T <sub>stg</sub>	-40~150	°C
Screw Torque		10	kg cm

**ELECTRICAL CHARACTERISTICS**

CHARACTERISTIC	SYMBOL	CONDITION	MIN.	MAX.	UNIT
Peak Forward Voltage	V <sub>RRM</sub>	I <sub>FM</sub> =22A, T <sub>a</sub> =25°C	—	1.0	V
Repetitive Peak Reverse Current	I <sub>RRM</sub>	V <sub>RRM</sub> =Rated, T <sub>j</sub> =25°C	—	10	μA
Thermal Resistance (Junction to Fin)	R <sub>th(j-f)</sub>	DC	—	2.35	°C/W
Thermal Resistance (Junction to Ambient)	R <sub>th(j-a)</sub>	DC	—	15	°C/W

Notes : 1. Fully coat the contact surface between the cooling fin and rectifier stack with silicon grease, and then contact them each other.



TOSHIBA 12-26A1A

