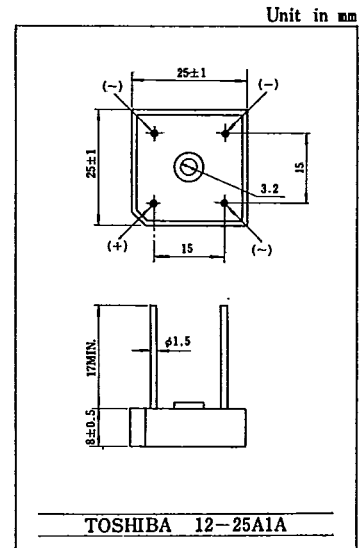
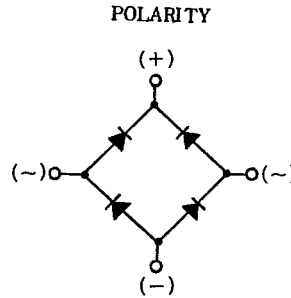


10J4B41

600V 10A

MAXIMUM RATINGS

CHARACTERISTIC	SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	V_{RRM}	100	V
		200	
		400	
		600	
Average Output Rectified Current	I_o	4.3A	A
		10A	
Peak One Cycle Surge Forward Current (Non-Repetitive)	I_{FSM}	200	A
Junction Temperature	T_j	-40~150	°C
Storage Temperature Range	T_{stg}	-40~150	°C
Screw Torque		7	kg cm

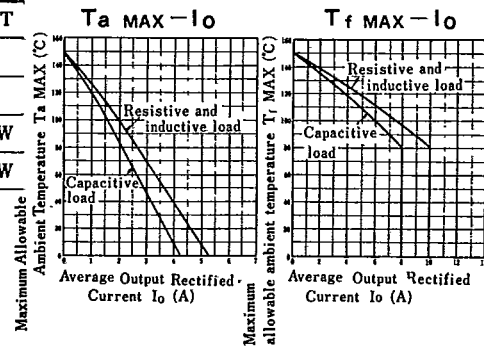


ELECTRICAL CHARACTERISTICS

CHARACTERISTIC	SYMBOL	CONDITION	MIN.	MAX.	UNIT
Peak Forward Voltage	V_{FM}	$I_{FM}=15A, T_a=25^{\circ}C$	—	1.05	V
Repetitive Peak Reverse Current	I_{RRM}	$V_{RRM} = \text{Rated}, T_j=25^{\circ}C$	—	10	μA
Thermal Resistance (Junction to Fin)	$R_{th(j-f)}$	DC	—	3.6	°C/W
Thermal Resistance (Junction to Ambient)	$R_{th(j-a)}$	DC	—	16	°C/W

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

2. T_f : External cooling fin temperature.

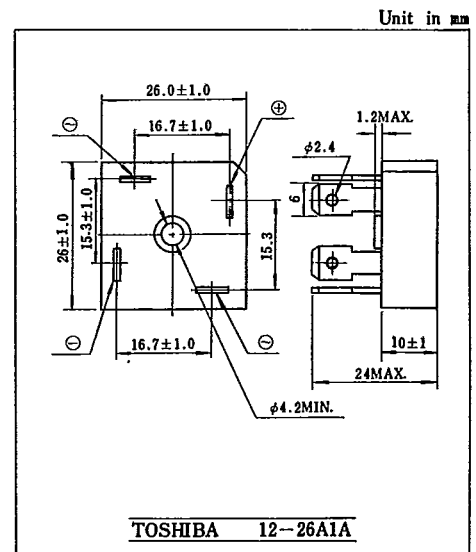
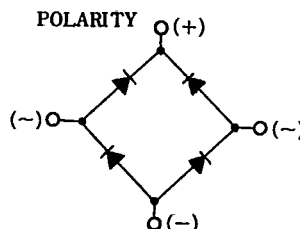


15J4B41

600V 15A

MAXIMUM RATINGS

CHARACTERISTIC	SYMBOL	RATING	UNIT
Repetitive Peak reverse voltage	V_{RRM}	100	V
		200	
		400	
		600	
Average Output Rectified Current	I_o	5.0	A
		15	
Peak One Cycle Surge Current	I_{FSM}	250	A
Junction temperature	T_j	-40~150	°C
Storage Temperature Range	T_{stg}	-40~150	°C
Screw Torque		10	kg cm



ELECTRICAL CHARACTERISTICS

CHARACTERISTIC	SYMBOL	CONDITION	MIN.	MAX.	UNIT
Peak Forward Voltage	V_{RRM}	$I_{FM}=22A, T_a=25^{\circ}C$	—	1.0	V
Repetitive Peak Reverse Current	I_{RRM}	$V_{RRM} = \text{Rated}, T_j=25^{\circ}C$	—	10	μA
Thermal Resistance (Junction to Fin)	$R_{th(j-f)}$	DC	—	2.35	°C/W
Thermal Resistance (Junction to Ambient)	$R_{th(j-a)}$	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.

