

1J4B41 600V 1A

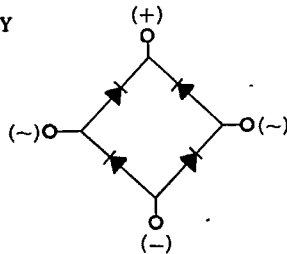
MAXIMUM RATINGS

CHARACTERISTIC	SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	1B4B41	100	V
	1D4B41	200	
	1G4B41	400	
	1J4B41	600	
Average Output Rectified Current ($T_a=50^\circ\text{C}$)	I_O	1.0	A
Peak One Cycle Surge Forward Current (Non-Repetitive)	I_{FSM}	50(50Hz)	A
Junction Temperature	T_j	-40~150	$^\circ\text{C}$
Storage Temperature Range	T_{stg}	-40~150	$^\circ\text{C}$

ELECTRICAL CHARACTERISTICS

CHARACTERISTIC	SYMBOL	CONDITION	MIN.	MAX.	UNIT
Peak Forward Voltage	V_{FM}	$I_{FM}=1.5\text{A}$, $T_a=25^\circ\text{C}$	—	1.2	V
Repetitive Peak Reverse Current	I_{RRM}	$V_{RRM}=\text{Rated}$, $T_a=25^\circ\text{C}$	—	10	μA

POLARITY



1J4B1 600V 1.5A

MAXIMUM RATINGS

CHARACTERISTIC	SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	1B4B1	100	V
	1D4B1	200	
	1G4B1	400	
	1J4B1	600	
Average Output Rectified Current ($T_a=60^\circ\text{C}$)	I_O	1.5	A
Peak One Cycle Surge Forward Current (Non-Repetitive)	I_{FSM}	50(50Hz)	A
Junction Temperature	T_j	-40~150	$^\circ\text{C}$
Storage Temperature Range	T_{stg}	-40~150	$^\circ\text{C}$

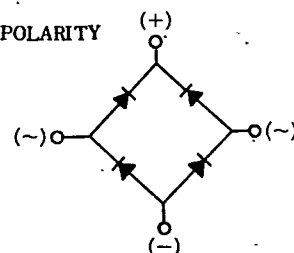
ELECTRICAL CHARACTERISTICS

CHARACTERISTIC	SYMBOL	CONDITION	MIN.	MAX.	UNIT
Peak Forward Voltage	V_{FM}	$I_{FM}=1.5\text{A}$, $T_a=25^\circ\text{C}$	—	1.2	V
Repetitive Peak Reverse Current	I_{RRM}	$V_{RRM}=\text{Rated}$, $T_j=150^\circ\text{C}$	—	0.4	mA

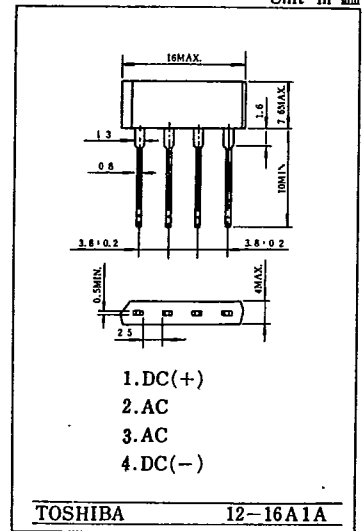
Notes : 1. Soldering : 6 mm is the minimum to be kept between case and soldering part.

2. Lead Bending : 6 mm is the minimum to be kept from the case when bend the lead wire.

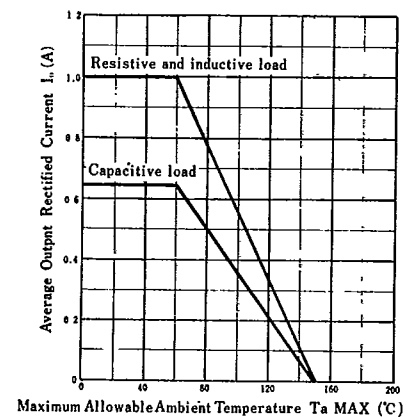
POLARITY



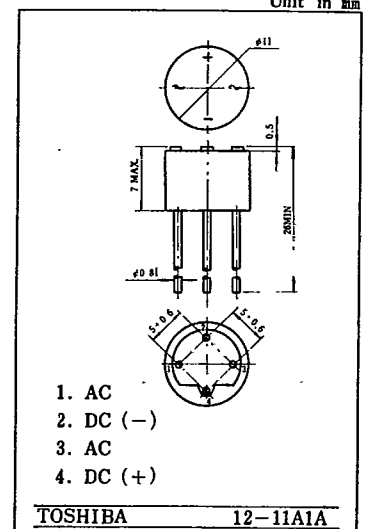
Unit in mm



$I_O - T_a \text{ MAX}$



Unit in mm



$I_O - T_a \text{ MAX}$

