

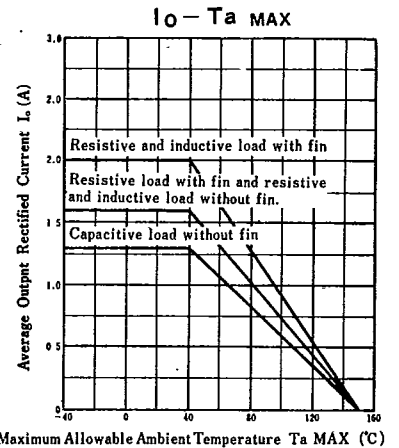
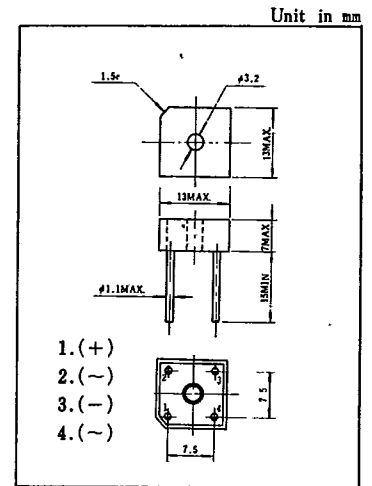
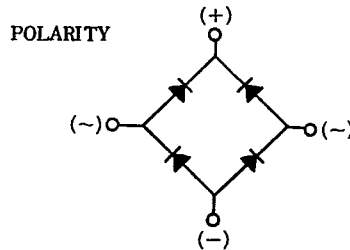
**2J4B41** 600V 2A

**MAXIMUM RATINGS**

CHARACTERISTIC		SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	2B4B41	V <sub>RRM</sub>	100	V
	2D4B41		200	
	2G4B41		400	
	2J4B41		600	
Average Output Rectified Current (T <sub>a</sub> =40°C)	I <sub>O</sub>	1.6	A	
*Used Cooling Fin (70×70×2 Al)		2.0		
Peak One Cycle Surge Forward Current (Non-Repetitive)	I <sub>FSM</sub>	50(50Hz)	A	
Junction Temperature	T <sub>j</sub>	-40~150	°C	
Storage Temperature Range	T <sub>stg</sub>	-40~150	°C	

**ELECTRICAL CHARACTERISTICS**

CHARACTERISTIC	SYMBOL	CONDITION	MIN.	MAX.	UNIT
Peak Forward Voltage	V <sub>FM</sub>	I <sub>FM</sub> =2A, T <sub>a</sub> =25°C	-	1.2	V
Repetitive Peak Reverse Current	I <sub>RRM</sub>	V <sub>RRM</sub> =Rated, T <sub>a</sub> =25°C	-	10	μA



**3J4B41** 600V 3A

**MAXIMUM RATINGS**

CHARACTERISTIC		SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	3B4B41	V <sub>RRM</sub>	100	V
	3D4B41		200	
	3G4B41		400	
	3J4B41		600	
Average Output Rectified Current (T <sub>a</sub> =40°C)	I <sub>O</sub>	2.0	A	
*Used Cooling Fin (70×70×2 Al)		3.0		
Peak One Cycle Surge Forward Current (Non-Repetitive)	I <sub>FSM</sub>	80(50Hz)	A	
Junction Temperature	T <sub>j</sub>	-40~150	°C	
Storage Temperature Range	T <sub>stg</sub>	-40~150	°C	

**ELECTRICAL CHARACTERISTICS**

CHARACTERISTIC	SYMBOL	CONDITION	MIN.	MAX.	UNIT
Peak Forward Voltage	V <sub>FM</sub>	I <sub>FM</sub> =3A, T <sub>a</sub> =25°C	-	1.2	V
Repetitive Peak Reverse Current	I <sub>RRM</sub>	V <sub>RRM</sub> =Rated, T <sub>a</sub> =25°C	-	10	μA

Polarity indication circuit diagram

