

TOSHIBA RECTIFIER STACK SILICON DIFFUSED TYPE

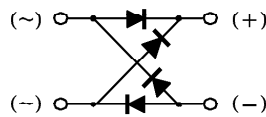
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SINGLE PHASE BRIDGE RECTIFIER APPLICATIONS.
FOR HYBRID USE.

FEATURES :

- Average Output Rectified Current : $I_O=1.0A$
- Repetitive Peak Reverse Voltage : $V_{RRM}=1200V$

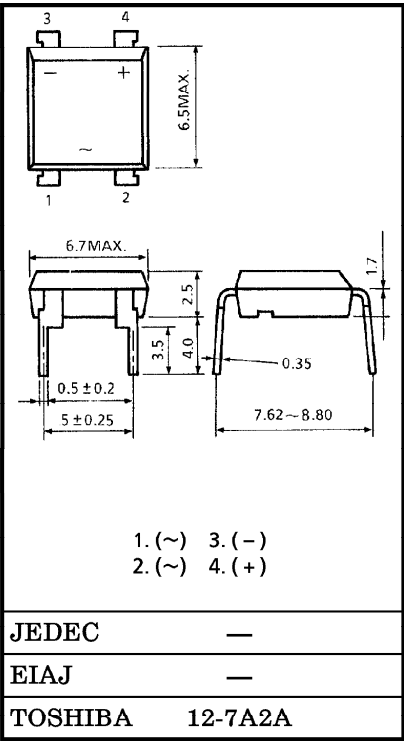
POLARITY



MAXIMUM RATINGS

CHARACTERISTIC	SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	V_{RRM}	1200	V
Average Output Rectified Current	I_O	1.0	A
Peak One Cycle Surge Forward Current (Non-Repetitive)	I_{FSM}	20(50Hz) 22(60Hz)	A
Junction Temperature	T_j	-40~150	°C
Storage Temperature Range	T_{stg}	-40~150	°C

Unit in mm



ELECTRICAL CHARACTERISTICS ($T_a = 25^{\circ}C$)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Peak Forward Voltage (Note)	V_{FM}	$I_{FM}=0.5A$	—	—	1.2	V
Repetitive Peak Reverse Current (Note)	I_{RRM}	$V_{RRM}=\text{Rated}$	—	—	10	μA
Thermal Resistance (Junction to Ambient)	$R_{th(j-a)}$	DC	—	—	75	°C / W

Note : A value of one cell.

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