

TOSHIBA RECTIFIER STACK SILICON DIFFUSED TYPE

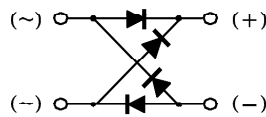
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SINGLE PHASE BRIDGE RECTIFIER APPLICATIONS.  
FOR HYBRID USE.

FEATURES :

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

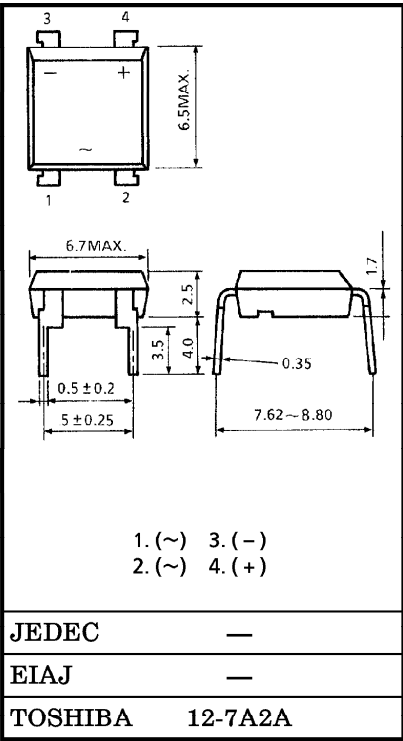
POLARITY



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



Weight : 0.3g

ELECTRICAL CHARACTERISTICS (Ta = 25°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	$\mu A$
Thermal Resistance (Junction to Ambient)	$R_{th(j-a)}$	DC	—	—	75	°C / W

Note : A value of one cell.

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