

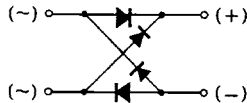
1(B, G, J)4B41

SILICON DIFFUSED TYPE RECTIFIER STACK

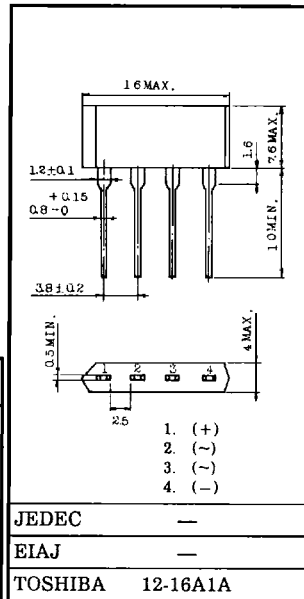
○ SINGLE PHASE BRIDGE RECTIFIER APPLICATIONS.

- Average Output Rectified Current : $I_O = 1.0A$ ($T_a = 60^\circ C$)
- Repetitive Peak Reverse Voltage : $V_{RRM} = 100 \sim 600V$

POLARITY



Unit in mm



MAXIMUM RATINGS

CHARACTERISTIC		SYMBOL	RATINGS	UNIT
Repetitive Peak Reverse Voltage	1B4B41	V_{RRM}	100	V
	1G4B41		400	
	1J4B41		600	
Average Output Rectified Current		I_O	1.0	A
Peak One Cycle Surge Forward Current (Non Repetitive)			50 (50Hz)	A
			55 (60Hz)	
Junction Temperature		T_j	$-40 \sim 150$	$^\circ C$
Storage Temperature Range		T_{stg}	$-40 \sim 150$	$^\circ C$

JEDEC —
EIAJ —
TOSHIBA 12-16A1A
Weight : 1.1g

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

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

Note 1 : A value of one cell.

MARK

