

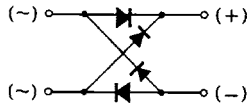
# 1(B, G, J)4B41

## SILICON DIFFUSED TYPE RECTIFIER STACK

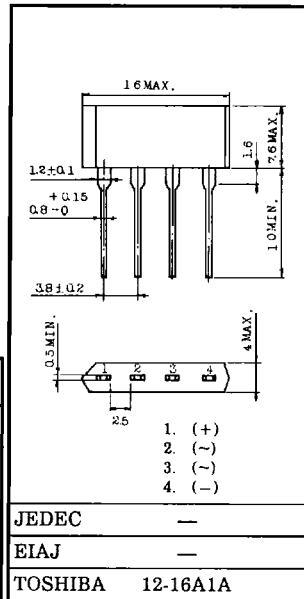
○ SINGLE PHASE BRIDGE RECTIFIER APPLICATIONS.

- 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	$\mu A$

Note 1 : A value of one cell.

MARK

