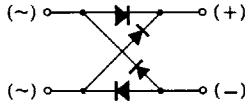


# 4(B, G, J)4B41

## SILICON DIFFUSED TYPE RECTIFIER STACK

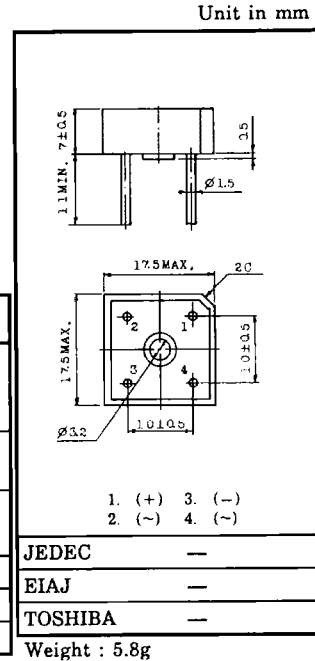
- SINGLE PHASE BRIDGE RECTIFIER APPLICATIONS.
- Average Output Rectified Current :  $I_O = 4A$
- Repetitive Peak Reverse Voltage :  $V_{RRM} = 100 \sim 600V$

### POLARITY



### MAXIMUM RATINGS

CHARACTERISTIC	SYMBOL	RATINGS	UNIT
Repetitive Peak Reverse Voltage	$V_{RRM}$	4B4B41	100
		4G4B41	400
		4J4B41	600
Average Output Rectified Current	$I_O$	$T_a = 30^\circ C$	3.0
		$T_f = 87^\circ C$	4.0
Peak One Cycle Surge Forward Current (Non Repetitive)	$I_{FSM}$	150 (50Hz)	A
		165 (60Hz)	
Junction Temperature	$T_j$	-40 ~ 150	$^\circ C$
Storage Temperature Range	$T_{stg}$	-40 ~ 150	$^\circ C$
Screw Torque	—	0.5	N·m

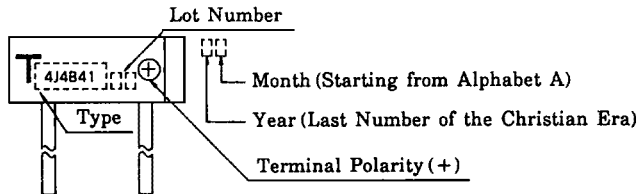


### ELECTRICAL CHARACTERISTICS ( $T_a = 25^\circ C$ )

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	MAX.	UNIT
Peak Forward Voltage	$V_{FM}$	$I_{FM} = 6A$	—	1.0	V
Repetitive Peak Reverse Current	$I_{RRM}$	$V_{RRM} = \text{Rated}$	—	10	$\mu A$
Thermal Resistance (Junction to Heat Sink)	$R_{th(j-f)}$	DC	—	8.8	$^\circ C/W$
Thermal Resistance (Junction to Ambient)	$R_{th(j-a)}$	DC Without Heat Sink	—	23	$^\circ C/W$

Note 1 : A value of one cell.

### MARK



Color : White

