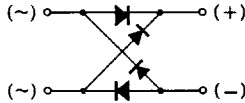


4(B, G, J)4B41

SILICON DIFFUSED TYPE RECTIFIER STACK

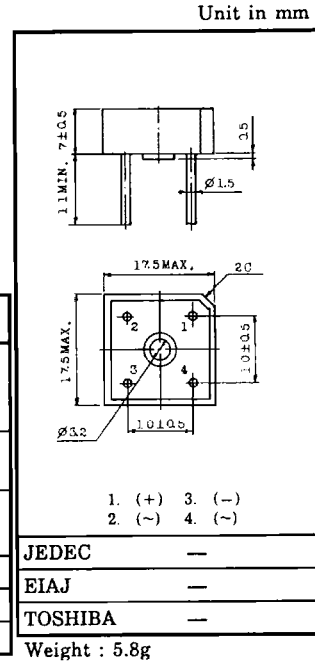
- SINGLE PHASE BRIDGE RECTIFIER APPLICATIONS.
- Average Output Rectified Current : $I_O = 4A$
- Repetitive Peak Reverse Voltage : $V_{RRM} = 100 \sim 600V$

POLARITY



MAXIMUM RATINGS

CHARACTERISTIC		SYMBOL	RATINGS	UNIT
Repetitive Peak Reverse Voltage	4B4B41	V_{RRM}	100	V
	4G4B41		400	
	4J4B41		600	
Average Output Rectified Current	$T_a = 30^\circ C$	I_O	3.0	A
	$T_f = 87^\circ C$		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

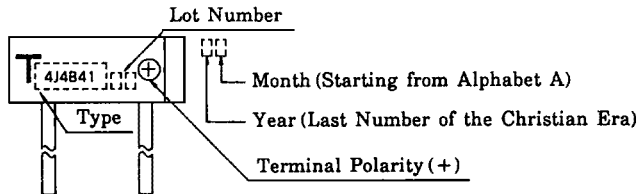


ELECTRICAL CHARACTERISTICS ($T_a = 25^\circ C$)

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	μA
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

