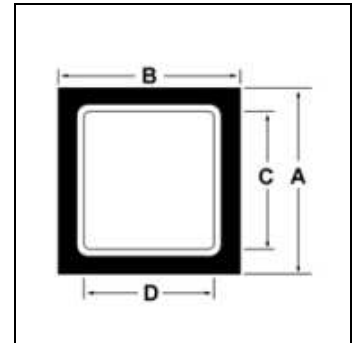


### CHIP STRUCTURE

- \* Dimensions (AxB): 2.6x2.6 mm<sup>2</sup>
- \* Bond pad size:  
Active region (CxD) : 2200 × 2200 μm<sup>2</sup>
- \* Thickness: 240 ~ 280 μm
- \* Contact Metallization  
Front Side: Aluminum  
Back Side: Silver

CHIP



### MAXIMUM RATINGS

Characteristic	Symbol	Value	Unit
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage DC Blocking Voltage	$V_{RRM}$ $V_{RWM}$ $V_R$	50	V
RMS Reverse Voltage	$V_{R(RMS)}$	35	V
Average Rectifier Forward Current	$I_{F(AV)}$	15	A
Operating Junction Temperature	$T_J$	125	°C

### ELECTRICAL CHARACTERISTICS ( $T_A=25^\circ\text{C}$ unless otherwise notes)

Characteristic	Symbol	Min.	Typ.	Max.	Unit
Maximum Instantaneous Forward Voltage ( $I_F = 15 \text{ Amp}$ $T_C = 25^\circ\text{C}$ )	$V_F$	---	0.54	0.60	V
Maximum Instantaneous Reverse Current (Rated DC Voltage, $T_C = 25^\circ\text{C}$ )	$I_R$	---	50	100	μA
Reverse Recovery Time ( $I_R = 0.1 \text{ A}$ )	$V_R$	50	---	---	V

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