

# ABS201~ABS210

Rev.G Mar.-2026

## / Descriptions

2.0A

ABS/LBF

2.0A Surface Mount Glass Passivated Bridge Rectifier, ABS/LBF thin package.

## / Features

100V~1000V

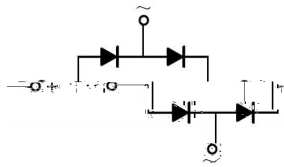
2.0A

Glass Passivated Chip Junction, Reverse Voltage: 100 to 1000V, Forward Current: 2.0A, High Surge Current Capability, Designed for Surface Mount Application, Halogen free product.

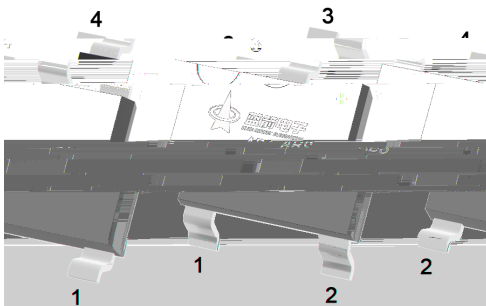
## / Applications

General purpose.

## / Equivalent Circuit

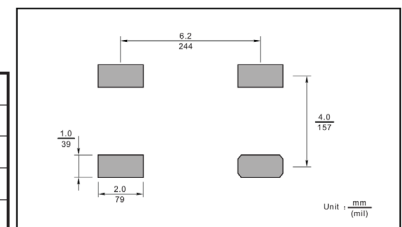


## / Pinning



PIN	DESCRIPTION
1	Input Pin ( ~ )
2	Input Pin ( ~ )
3	Output Anode ( + )
4	Output Cathode ( - )

The recommended mounting pad size



## / Marking

See Marking Instructions.

# ABS201~ABS210

Rev.G Mar.-2026



DATA SHEET

Parameter	Symbol	Rating						Unit
		ABS201	ABS202	ABS204	ABS206	ABS208	ABS210	
Maximum Recurrent Peak Reverse Voltage	$V_{RRM}$	100	200	400	600	800	1000	V
Maximum RMS Voltage	$V_{RMS}$	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	$V_{DC}$	100	200	400	600	800	1000	V
Average Rectified Output Current at $T_L = 100^\circ\text{C}$	$I_o$	2.0						A
Peak Forward Surge Current 8.3ms Single Half Sine Wave Superimposed on Rated Load(JEDEC Method)	$I_{FSM}$	60						A
Current Squared Time@ $1\text{ms} \leq t < 8.3\text{ms}$ , $T_a = 25^\circ\text{C}$ , Rating of per diode	$I^2T$	14.9						A <sup>2</sup> Sec
Typical Junction Capacitance <sup>(Note1)</sup>	$C_j$	25						pF
Typical Thermal Resistance <sup>Note2</sup>	$R_{JA}$	65						/W
	$R_{Jc}$	20						

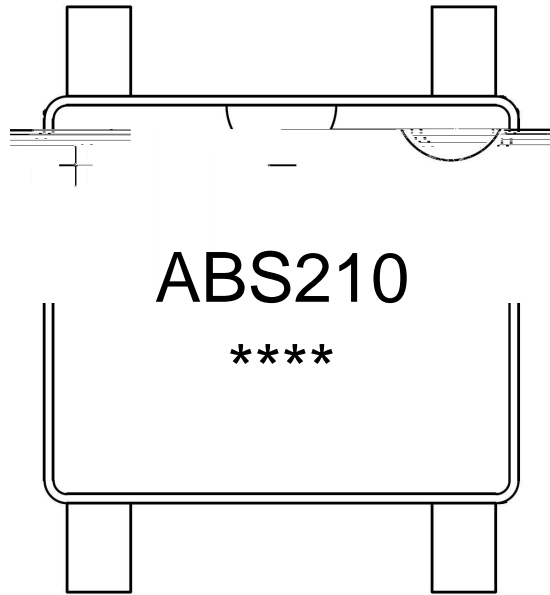
Operating and Storage Temperature Range

**ABS201~ABS210**





**/ Marking Instructions**



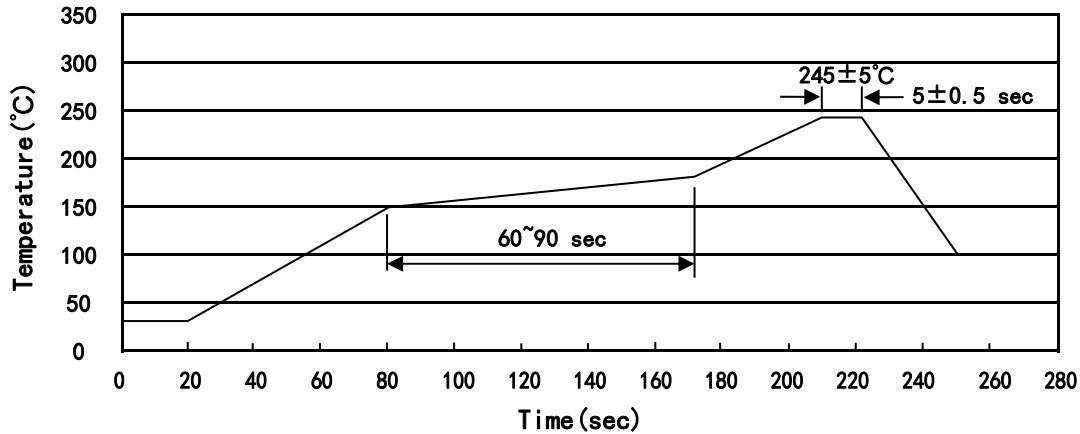
ABS210  
\*\*\*\*

Note:

ABS210      Product Type

\*\*\*\*      Lot No. Code, code change with Lot No.

( ) / Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

- |   |       |     |           |        |   |
|---|-------|-----|-----------|--------|---|
| 1 | 150   | 180 | 60        | 90sec; | 1.Preheating:150~180 , Time:60~90sec.   |
| 2 | 245±5 |     | 5±0.5sec; |        | 2.Peak Temp.:245±5 , Duration:5±0.5sec. |
| 3 |       | 2   | 10        | /sec.  | 3. Cooling Speed: 2~10 /sec.            |

/ Resistance to Soldering Heat Test Conditions

260±5                      10±1 sec.                      Temp.:260±5                      Time:10±1 sec

/ Packaging SPEC.

/ REEL

Package Type	Units					Dimension (unit mm <sup>3</sup> )		
	Units/Reel	Reels/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Reel	Inner Box	Outer Box
ABS/LBF	5,000	2	10,000	7	70,000	13" x12	336X336X40	380X335X366

/ Notices