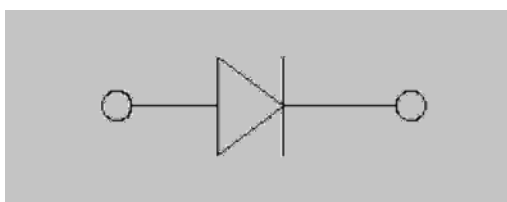
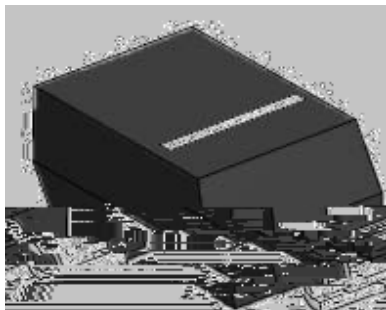




## BAV19W THRU BAV21W

RoHS  
COMPLIANT

### Small-Signal Switching Diodes



#### Features

Moisture sensitivity level 1  
Reverse voltage 100V/150V/200V  
Average forward current 0.2A

#### Application

High frequency rectifier  
Signal switching

#### Mechanical data

| Parameter                                                        | Symbol    | Unit | Value  |     |
|------------------------------------------------------------------|-----------|------|--------|-----|
|                                                                  |           |      | BAV20W | T2  |
|                                                                  |           |      | BAV21W | T3  |
|                                                                  |           |      | BAV19W | 120 |
| Repetitive peak reverse voltage                                  | $V_{RRM}$ | V    | BAV20W | 200 |
|                                                                  |           |      | BAV21W | 250 |
|                                                                  |           |      | BAV19W | 120 |
| Forward current                                                  | $I_F$     | A    | 0.2    |     |
| Non-repetitive surge peak forward current @ 8.3ms half-sine wave | $I_{FSM}$ | A    | 2      |     |
| Non-repetitive surge peak forward current @ t = 1ms square wave  |           |      | 1      |     |
| Non-repetitive surge peak forward current @ t = 1s square wave   |           |      | 1      |     |
| Power dissipation                                                | $P$       | mW   | 400    |     |

0”

RoHS

% \$9 : 7 + 5 8 % \$9 :

COMPLIANT

|           |  |      |       |
|-----------|--|------|-------|
| 3DUDPHWHU |  | 8QLW | 9DOXH |
|-----------|--|------|-------|

0”

% \$ 9 : 7 + 5 8 % \$ 9 :

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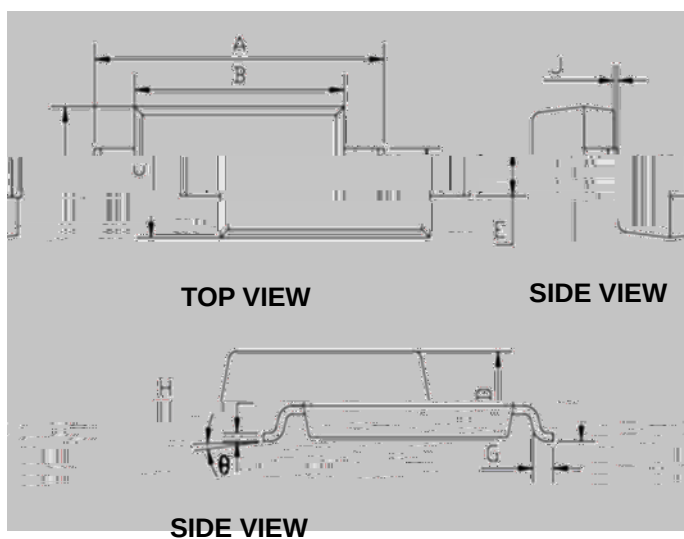
## BAV19W THRU BAV21W

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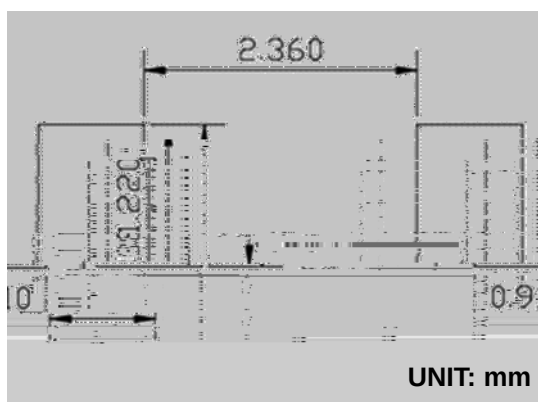
### ■ Ordering Information

| Preferred P/N      | Packing code | Unit weight(g)    | Minimum package(pcs) | Inner box quantity(pcs) | Outer carton quantity(pcs) | Delivery mode |
|--------------------|--------------|-------------------|----------------------|-------------------------|----------------------------|---------------|
| BAV19W THRU BAV21W | F2           | Approximate 0.011 | 3000                 | 30000                   | 120000                     | 7" reel       |
| BAV19W THRU BAV21W | F3           | Approximate 0.011 | 10000                | /                       | 210000                     | 13" reel      |

### ■ Outline Dimensions



### ■ Suggested Pad Layout





## BAV19W THRU BAV21W

RoHS  
COMPLIANT

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